

£5.00

9

MACHINE KNITTING MONTHLY

JUNE '93
£1.60

June

WHITE

**Pure impact
for summer**

**OLD HAND OR NEW?
From Starting Out to
Computerised Design -
features for all**

**DELICIOUS!
Strawberries for
baby's cardigan**

**MORE THIS MONTH FOR
PASSAP/PFAFF KNITTERS**



19 770269 976019

C CONTENTS

Dear Readers

Whatever the colours in fashion each summer, you can't beat white to mix, match or freshen them. For that touch of summer white, we've something for everyone in this month's patterns – short sleeves, long sleeves, tuck stitch, embroidery, or contrast patterns – looks that are casual, pretty, or smart and sometimes all three.

Passap and Pfaff machines are highlighted in this issue with patterns for a white lacy top, a two-tone summer cardigan or a sophisticated four-colour jacket and articles by both Hazel Duignan and Eileen Metcalf.

The pick of the summer strawberry crop is a cute baby's cardigan and for the playschool set, there's a track suit with alphabet appliqué but take a look at Club Line to see that knitting is not just for garments.

If that leaves you still in need of inspiration, share Iris Bishop's. Her antique lace makes a particularly beautiful fabric that looks light and lacy yet with not a hole in sight as it's all in short-float Fair Isle.

Well, let's get knitting, before summer really settles in.

Sheila

Volume 8, No. 3 June 1993 ISSN 0269-9761

Publisher & Managing Editor **Anne Smith**

Editor **Sheila Berriff**

Advertising **Brenda Hughes Tel: 0672 516749**

Photography **Francis Loney**

Hair/Make-up **Judith at Artistic Licence**

Stylist **Kelley-Anne McGee**

DESIGNS



6 Diamond pattern top...56

Duomatic 80 & E6000



7 Two-colour cardigan 61

Duomatic & E6000



8 Four-colour jacket65

E6000

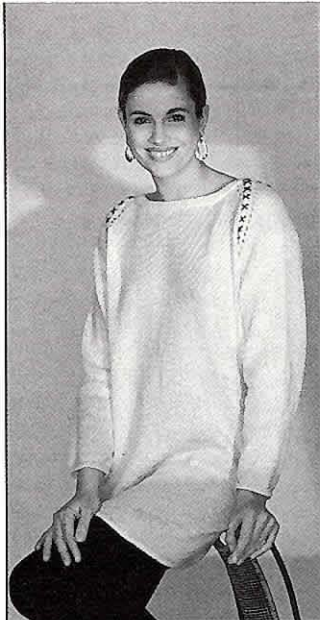


1 Cropped jacket9

Standard gauge punchcard/electronic

FEATURES

Club Line – News of Clubs and Courses.....40	Question Time – Includes Brother lili buttons12
Creative Intarsia – Spots of colour42	Silver Scene – What tension?.....37
Dear Anne – Your letters34	Singer World – Trims and edgings46
Duomatic Update – Pattern play54	Spotlight – Shaping with darts78
Inspirations – Antique lace.....30	Swiss Darning – The basic method.....88
Latch On – Bands and buttonholes38	Talking Point – Starting out74
Masterclass – Summer.....52	Talking Toyota – Pockets, Part 250
News Line – Monthly update4	Teach-In – The Ribber, Part 926
Oh Brother – Computerised design14	The Woolleys – Laugh with Doug Baker50
Picture Knitting – Frolicking frogs48	Workshop E6000 – Eileen answers questions...62



2 Flared raglan tunic ...16
Standard gauge punchcard



3 Tuck stitch cardigan ..20
Standard gauge punchcard/electronic



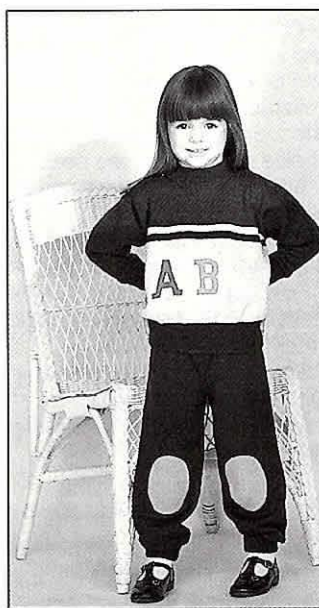
4 Sweater with boats ...25
Standard gauge punchcard/electronic



5 Top with Irish crochet 44
Chunky



9 Track suit top.....71
Standard gauge



10 Track suit trousers71
Standard gauge



11 Strawberry cardigan 76
Standard gauge punchcard/electronic



12 Child's tuck sweater 86
Standard gauge punchcard/electronic

REFERENCE

Abbreviations & Yarn Guide.....	95
Back Issues.....	85
Classifieds	90
Subscriptions.....	89

Furnishing and accessories on pattern pages in this issue are all courtesy of CASA FINA, with outlets at: 132 Notting Hill Gate, London W11 3QG; 9 The Market, Covent Garden, London W12; 99 Regent St, Leamington Spa, Warwickshire; 3-5 Broad Street, Bath, Avon BA1 5LT; 9 Clarendon Street, Oxford OX1 2HP.

Regular Contributors

Terry Armitstead
Doug Baker
Diane Bennett
Iris Bishop
Pat Coulston
Mary Dowse
Hazel Duignan
Dorothy Gill

Shelagh Hollingworth
Ann Kite
Joan Lafferty
Gwen Merricks
Eileen Metcalf
Liz Norton
Wendy Phillips
George le Warré

June

Canadian Distribution/Subscriptions:
Modern Sales Canada Inc., PO Box 67, #4 1865 McLean Ave., Port Coquitlam, B.C. V3C 3V5, Canada.
U.S.A. Distribution/Subscriptions:
Modern Sales U.S.A. Inc., 7724 88th Drive S.E., Snohomish, Washington 98290, USA.

You can write to
Machine Knitting
Monthly at the
following address:
3 Bridge Avenue,
Maidenhead,
Berkshire SL6 1RR.
Our telephone
number is
(0628) 770289.
Our fax number is
(0628) 777335.

Printed in England



A cottage in the country –
read about the Club that
knitted theirs. Club Line, page 40.

NEWS LINE

Brockwell Yarns

Well known for their excellent yarns and custom twisting service, Brockwell Yarns have introduced another yarn, Linen Thread.

This works particularly well with their undyed plain cotton in a 25% linen, 75% cotton mixture in both 4 and 8 ply weights. It is also good mixed in equal proportions with their mercerised cotton.

The texture and natural colour of the linen mixed with cotton creates an unique yarn with the excellent draping qualities associated with linen fibres. It can however be dyed to complement any of the existing colours in their cotton range.

To obtain a complete set of shade cards send £2.00 (or Visa number) to Brockwell Yarns, Stansfield Mill, Triangle, Sowerby Bridge, West Yorkshire HX6 3LZ.

Gone fishing (or golfing)

For knitters who like picture knits without spending lots of time working intarsia, Sue Green of Nature Knits has created a lovely Fisherman design. This is a 24 stitch picture knit, suitable for punchcard or electronic machines. The fisherman is a single motif, reeds provide the background with an all-over Fair Isle design and the fishing line is worked in easy Swiss darning.

If the man in your life prefers golf, Sue's Hole In One golfer design will be a favourite. This is also a 24 stitch picture knit worked as four single motifs.

The charts cost £2.00 each including postage and can be obtained from Sue Green, 9 Aviary Way, Crawley Down, Sussex RH10 4XR, or you can send an SAE for a leaflet.



Forsell Shamal



Forsell 4ply Pure Wool

Design No 22, Mandarin

Carl Boyd Designs

There are eight new designs in Carl's collection, seven knitted in Forsell 4-ply Pure Wool and one in Shamal.

- * Aztec, a three colour Fair Isle unisex sweater with choice of round or vee neck.
- * Brocade, a Fair Isle jacket with curved fronts.
- * Naida, a Fair Isle sweater with interesting pointed collar.
- * Foxglove, a suit with sleeves, collar and skirt in tuck stitch.
- * Sonia, a Fair Isle sweater with Fair Isle polo neck.
- * Mandarin, a man's Fair Isle sweater.

* Joanna, a four colour Fair Isle sweater with pretty tuck rib collar in Shamal.

* Wedgewood, a classic suit with sideways knitted top incorporating racked rib and Fair Isle panels.

The patterns, which are all suitable for standard gauge punchcard machines, cost 95p each or £6.00 for the set of eight. Aztec and Joanna are available as kits. Aztec is £8.95 and Joanna is £6.95.

Please add 75p postage for the kits and send to Carl Boyd, 1 Coulsons Place, Penzance, Cornwall TR18 4DY.

Nina Miklin



FEATURING 52 DESIGNS FOR STANDARD GAUGE MACHINE KNITTING, INCLUDING 10 PATTERNS FOR JACKETS, CARDIGANS AND COATS

NINA MIKLIN VOLUME 1: Jackets, Cardigans and Coats

PRICE: UK £4.95 USA \$7.50 ITAL £10.00 DM 14.00

ORDER FORM Please send me copy(ies) of NINA MIKLIN PATTERN BOOK, featuring 52 designs including 10 patterns for jackets, cardigans and coats. I enclose a cheque for £4.95 + 40p p&p. Please debit my VISA/ACCESS card No.

Name

Address

Postcode

Send to: Nina Miklin, P.O. Box 1720, London W9 1TT

Holiday in Devon

Each summer Ena Goff advertises her holiday bungalow in our classified pages and this year she has sent us her brochure illustrated with colour pictures of the accommodation.

The bungalow is for self-

catering holidays on the Norton Park site at Dartmouth, South Devon and is equipped for four to six people, so if this is the kind of holiday you are looking for, why not ring and ask for her brochure? The number is 054 852 473.

Seasonal suits

For a complete mix and match collection of skirts, tops and jackets, knitted in Bramwell Rania and Silky, take a look at All Season Suits, the latest book by Maggie Andrews.

There are nine garments, in sizes 10 to 24, which can be combined to make a total of 54 different outfits.

The book is available for £3.99 from Bramwell stockists, or for £4.25 to include postage, direct from Maggie Andrews, 79 Hookfield, Harlow, Essex CM18 6QQ.

U100E working notes

If you have a U100 or U100E sitting by your machine but as yet unused (or tried once and abandoned), these working notes will help you get to grips with a very useful tool. They were written especially for use in workshops, but after many requests Angela decided to release them for general sale. All the different uses are covered in easy to follow exercises. Price £4.50 from Angela Gordon, 29 St Helens Road, Sandford, Wareham, Dorset BH20 7AX.

Fax us on 0628 777335

Machine Knitting Summer Show '93

If you are going to be in the area make a note in your diary for Saturday 24th July 1993 when from 9.30 am to 4.45 pm, at John Ruskin College, Selsdon Park Road, Selsdon, South Croydon, Surrey, there will be a great day out with lots to learn, see and buy, including fashion shows, lectures, demonstrations, yarns, knitting machines and books.

The day will include a full range of lectures by Hazel Ratcliffe, Pam Turbett, Diane Bennett, Dot Clancy, Angie and Anne Kent.

Send for your booking form from Anne Kent, 28 Quail Gardens, Selsdon Vale, South Croydon, Surrey CR2 8TF.

July summer schools

Angela Gordon and Loraine McClean are again teaming up to teach two separate week-long summer schools for Bournemouth South Adult Education Centre.

19th July starts a full working week of knitwear design, with special emphasis on

developing a source of inspiration to create your own original designs. This course is suitable for anyone interested in the design process and especially for those knitters thinking of starting the City & Guilds Creative Studies Courses this September.

26th July begins five days of double Jacquard knitting. All the important knitting techniques will be covered and you will also be shown how to produce Jacquard patterns from Fair Isle designs or from your own ideas.

Tuition fees for each week are £50. For further details telephone Angela on 0929 551073.

'An 'L' of a day!'

The latest Machine Knitting Days organised by Anne Kent and Pauline Murphy in South Croydon (Selsdon), are billed as 'for learning, laughing, listening and lunching'.

* June 5th Diane Bennett, Lace and other delights.

* September 4th Ann Brown, Slides and Double Jacquard.

Each day is from 10 am to 4

pm and costs £10 per day, including tea/coffee breaks and a buffet lunch.

Send your cheque to Anne Kent, 28 Quail Gardens, Selsdon Vale, South Croydon CR2 8TF and don't forget to say which day you are booking for, or else send for details and an order form.

Beach bum bag

Here is something you'll find ideal for a sunny holiday on the beach and equally suitable for many other outdoor activities this summer.

The Beach Bum Bag is a rigid plastic bag with a watertight rubber seal, so you can take your cash, credit cards, lipstick and so on swimming with you. Sorry, it is not large enough to fit your copy of MKM into!

Just like the regular bum bag, it is worn on a waist belt. The belt fits from 24 inch to 48 inch waists to accommodate most sizes!

Available by mail order only from S & S Products, PO Box 3040, London N1 7TZ, the Beach Bum Bag costs £9.99 plus 50p postage and packing.



Mail order crafts

St John's Wools stock their own yarns as well as a range of King Cole, Patons and Sirdar and this year their 1992/93 mail order catalogue includes yarns for both hand and machine knitters.

Also included in the full-colour catalogue is a selection of patterns, books and craft items, as well as a very good tapestry section.

Send for your copy to St John's Wools, PO Box 66, Limefield Mills, Wood Street, Bingley BD16 2BH or telephone Lisa on 0274 510566.

6►



DESIGNAKNIT 5

* SHAPES * COLOUR PATTERNS * PRINTOUTS
* SIZE GRADING * INTERACTIVE KNITTING * CABLE LINKS

The Ultimate Design Tool for Designers and Knitters



NEW!
E6000 LINK
also the
SCREENLINK
for any machine

DesignaKnit Professional £169.50 DesignaKnit Standard £119.50 Prices include: VAT, postage, tutorial & helpline
Cables are available for Brother 930, 940, 950i, 965, PPD, Silver Reed electronic machines and Knitmaster 550, 560 and 580 and now non-electronics too.
For IBM compatible computers with EGA or VGA screen Demo disk (redeemable on purchase of software) £10.00 Course and Complete Computer Systems available

Angora Stitch, Pensby, Wirral 051-648 7899 Diane Bennett, Bristol 0275 810667 Bonnies Wools, Birmingham 021-359 4627 Cheltenham Sewing and Knitting, Cheltenham 0242 244025
D & S Coned Yarn Supplies, Newton Abbot 0626 69840 Direct Knitting Supplies, Sheffield 0742 449888 Droppinstiches, Stevenage 0438 725155 Janet Francis, London 071-732 8282
Franklins, Colchester 0206 574758 Gamec Ltd, St Leonards on Sea 0424 851526 Angela Gordon, Wareham, Dorset 0929 551073 Hazelgrove Knitting Centre, Stockport 061-483 6102
Herts Knitting Centre, Harlow 0279 422282 JEMS, Canterbury 0227 457723 Knitcraft, West Drayton 0895 441368 Knitique, Basingstoke 0256 29229 Machine Knitting Centre, Truro 0872 560591
Machineknits Ltd., Westcliffe on Sea 0702 348878 Miles of Yarn, St Neots 0480 473449 Modern Home Equipment, Taunton 0823 272450 Page Two, Wisbech 0945 476579 Steve Preston, Polgate 0323 482552
Sewers & Knitters, City Arcade, Coventry 0203 555317 Sherwood Sewing Machines, Belfast 0232 324457 Janet Spink, Norwich 0603 867332 VU Data, Stockport 061-477 6739
Walkers Wools, Croydon 081-686 6792 Weaverknits, Dartford 0322 863144 Yvonne Knitting Machine Centre, Eastbourne 0323 638141 21st Century Computers, Peterborough 0733 897447
USA Knitting 213 938 2077. Canada 604 658 8162. Norway 472 2290208. South Africa 021 962536. Sweden 08 35 0022.
Australia 08 277 4750. Poland & E. Europe 061 675655. Holland Dutch & German versions 03402 50401

SOFT BYTE LTD

Tel: 0691 828556

Quarry Lane, Nantmawr, Oswestry, Shropshire SY10 9HH, UK.

Fax: 0691 828195

21122



IRIS BISHOP DESIGN COLLECTIONS

All designs are illustrated in full colour.

- ★ **POT-POURRI** - an exciting new collection of creative fairisle designs with 'short floats'. (24 stitch)£4.95
- ★ **BORDERS & YOKES** - over 30 fairisle designs PLUS a simplified circular yoke sweater pattern. (24 stitch).....£3.95
- ★ **AUTUMN/WINTER** - an unusual collection of 'adult' fairisle designs with garment and colour ideas. (24 stitch).....£3.95
- ★ **SPRING/SUMMER** - more beautiful seasonal fairisle designs with 'short floats'. (24 stitch).....£3.00
- ★ **KIDS' FAIRISLE** - over 20 fairisle designs PLUS basic sweater pattern for all ages from babies to teenagers. (24 stitch).....£2.95
- 40 STITCH SPECIAL - a glorious selection of flowers, animals, geometrics etc. for Passap and Pfaff machines.....£4.95
- CATS - 5 intarsia designs inc. tabby and siamese.....£2.00
- BIRDS - 5 intarsia designs inc. kingfisher and owls.....£2.00

DISCS - for Brother disc drives, now available for use with books marked ★ at £5.95 each.

Prices include P&P in U.K. Overseas add 50p per item. Please send orders or SAE for full illustrated list of designs to:

IRIS BISHOP, 64 Ifield Road, West Green, Crawley, West Sussex RH11 7BQ

U.S.A. agent - The Knitting Machine Centre, P.O. Box 150145 Cincinnati, Ohio 45215

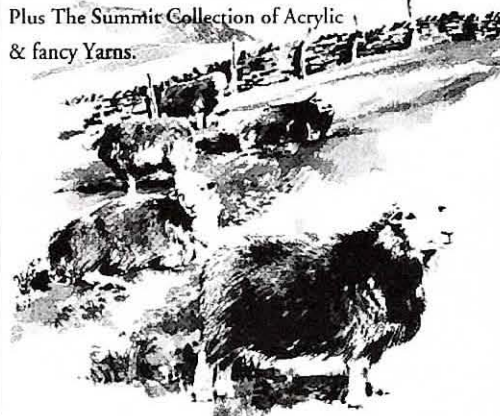
NEW

ABC
abc
123

The Book of Natural Yarns 92-93

Shetland, Donegal Tweeds, Shetland Linen Mix, Guernsey 5ply, undyed British Wools, 2ply & 4ply m/w Wool, 2ply & 4ply Botany Wool, Slub Cotton, Mohair, Arans, DK & 2ply Mercerised Cotton, 2,3 & 4ply Soft Cotton, Fine Cotton Chenille.

Plus The Summit Collection of Acrylic & fancy Yarns.



Send £3.90 (refundable) for these two collections, plus the free Book of Basic Patterns, or phone to use your credit card. Celtic Knotwork Book £2.00

Many A Mickle (Ref. A) Brier Hey, Mytholmroyd, Hebden Bridge, W. Yorks HX7 5PF. Tel: (0422) 882200/884749 Fax: (0422) 884749

We sell Brother, Silver Reed & Toyota machines. Service, parts & repair available. Hague linkers by mail order. EXPORT ENQUIRIES WELCOME.

Many A Mickle
NATURAL YARNS
MAIL ORDER

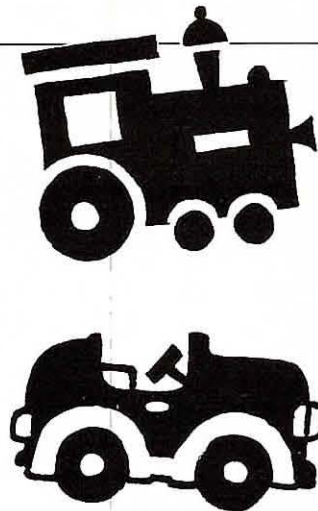
Spectrum

New from Spectrum for this Spring comes Astral, a light and airy Aran weight yarn in a mixture of 63% cotton and 37% acrylic.

Available in two shades, Denim and Natural, Astral is machine washable and costs around £1.99 per 100g ball.

That steady favourite Detroit Double Knit, 100% acrylic, also has six bright new shades, reflecting this season's vivid fashion statement with tempting titles such as Shrimp, Mango, Fondant, Flash, Surf and Hydrangea.

Finally, Strata Aran, Spectrum's best-selling 80% Courtelle and 20% wool mix has three more subtle shades added, Petrel, a water green, Crocus and Denim.



Singer Decorative Sheets Book 2

The Toybox Collection by Alison Duguid is a set of ready to use decorative sheets for Singer electronic machines.

The designs, which include Standing Teddy, Sailboat, Aeroplane, Alphabet Jumble, Sitting Teddy, Steamship, Sunny Smile, Number Fun, Locomotive and Car, are ideally suited to creating a range of children's knitwear.

Alison also includes suggestions to help you personalise your garments and information on knitting with Decorative Designs.

The book of four ready-to-use design sheets costs £12.00 from Browsers, The Brow, Crest Hill, Peaslake, Surrey GU5 9PG.

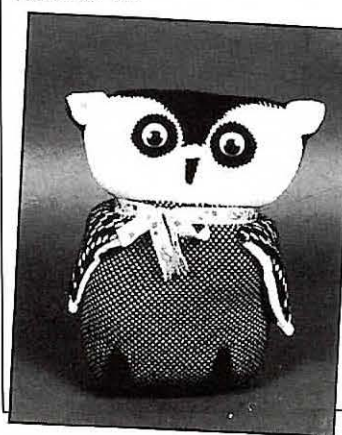
Knit-Knacks

You may have seen some of Jane Platt's toy designs in past issues of *Machine Knitting Monthly*. Jane, who specialises in knitted toys and ornaments, has released her 1993 range of patterns which include both hand and machine knits.

The designs are mainly based on animals, birds and flowers and include cuddly toys and realistic wall decorations and ornaments.

Use up lots of your oddments of yarn to produce these appealing designs which are quick to work - the ones worked by machine are all straight pieces, with easy cast on and off methods.

If you missed the patterns in *Machine Knitting Monthly* and would like details of the complete range of both machine and hand knit patterns, send 50p in coins or two first class stamps to Knit-Knacks (MKMF), 16 Springfield Road, Binfield, Berkshire RG12 8TW.

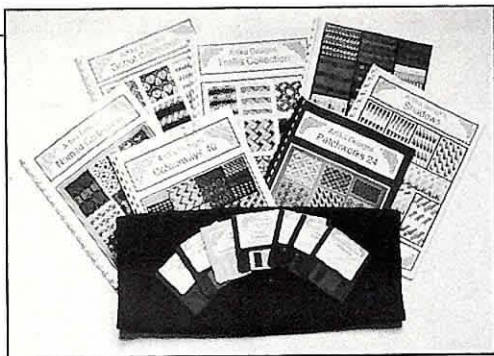


Touch of silk

The latest addition to the Forsell range of quality yarns is Touch of Silk, a double knit weight 90% wool and 10% silk blend in eight subtle shades.

Whilst this yarn is ideal for Silver Reed Double Knit gauge machines, it can also be knitted on any chunky machine at around tension 0 to 1 and our tester also knitted it (carefully) on standard gauge machines at tension 10 with the tension on the yarn mast turned down to minimum.

Brother garter carriage owners can also knit it at tension 10. Our knitter obtained excellent results in several different stitch patterns including rib and full garter stitch. If you should encounter difficulties with the silk slubs getting caught, try it with the tension on the tension mast turned down to almost minimum, yarn threaded through the largest slot in the garter carriage yarn guide and the garter



Artika design disks

In keeping with current demands from knitters, Artika Designs have now produced seven disks for use with Brother disk drives and/or the PPD.

The disks are designed to be used in conjunction with the stitch pattern books: Italian Collection, Shadows, Trellis, Début, Nomad, Patchworks 24 and Colourways 40, which contain all the colour and design information.

Each book and disk combination costs £10.90 (£9.90 for Shadows). For knitters who already have the books, or who do not require the colour

and design information contained within the books, the disks are available separately at a cost of £5.95 each.

A special introductory offer, in the form of a £1.00 discount voucher redeemable on future purchases, is available to readers who buy three or more disks before 31st July 1993 and enclose the photograph from this editorial.

Disks and books are obtainable from local stockists, or you can order from Artika Designs, 41 Dundonald Road, London NW10 3HP, or send a large SAE for further information.

carriage speed set slower than normal.

You can purchase Touch of Silk from any retailer selling Forsell yarns. The recommended retail price is £9.25 for a 400g cone.

Computer scene

From Australia comes Stitch-Craft, a computer program designed for charting cross stitch, needlepoint or knitting stitch patterns.

Stitch-Craft runs under Windows 3.0 or higher on an IBM PC compatible computer and has printer drives for most types of colour and black and white printers.

Charts created on the grid can be imported into Page-maker, Ventura and other DTP programs for integration with text.

Although unable to try out all the facilities, as the demo disk provided is limited, anyone familiar with Windows applications should find this program very easy to operate. Stitch patterns can be saved to disk and/or printed out for copying on to mylar sheet or punchcard.

The software should be available in the UK shortly. We'll include details in Newsline in a future issue. For

further details, please write to Crafted Software, PO Box 78, Wentworth Falls, NSW 2782, Australia, or fax on 010 61 47 573936.

Fun collection

Angie Gibbons of Knitwear by Design has produced some unusual fun designs for children.

Zachary the Snake is the first of these patterns. The sweater is a basic inset sleeve jumper with tags attached to specified positions. One, or two, three-dimensional snakes are knitted and these are threaded through the tags before wearing. £2.50.

A matching Zachary the Snake scarf pattern is available for £2.00.

Spooky Castle features the same basic jumper style, this time with a haunting theme including bats and witches. £2.50.

There will be more punchcards available shortly to build up the complete collection utilising the basic jumper pattern.

Angie's other 24 stitch collections include Numbers, Flora and Gift Box.

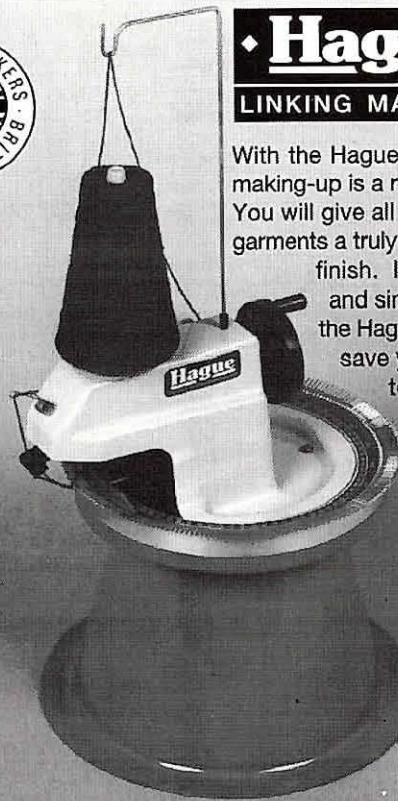
For further information, contact Angie Gibbons, 26 Cripps House, Henderson Road, Broadfields, Crawley, West Sussex RH11 9HY.



Hague

LINKING MACHINES

With the Hague Linker your making-up is a real pleasure. You will give all your knitted garments a truly professional finish. It is so quick and simple to use - the Hague Linker will save you hours of tedious hand sewing.



Choice of electric or hand operated models.

Ask for a demonstration at your knitting machine centre or phone or write for a leaflet and nearest stockist.

Hague Linking Machines, Mile End Road, Colwick, Nottingham NG4 2DW. Tel: 0602 870031

2 - VIDEOS ON LINKING

The Hague Linker with Diane Bennett £14.95 covers basic making up, stitch for stitch linking, cut & sew necklines and decorative linking. Approx 50 mins (VHS only).

Ruth Wood on the Hague Linker £12.95 covers making up of a whole garment from start to finish, includes stitch for stitch linking and cut & sew neckline. Approx 50 mins (VHS only).

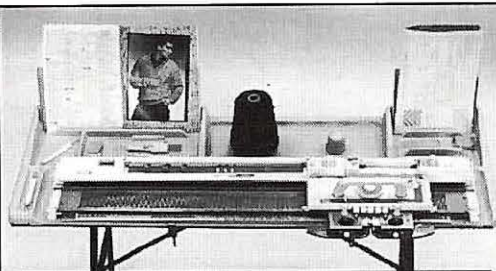


Book on linking by Diane Bennett £3.95
Curved pick-up tools
Standard £3.25
Chunky £3.75
Long stem cleaning brushes £3.95

Linker Stand £25.50
Fits all models
Point Ring Measure £1.25*
Needle Threader x2 £2.50*
Point Guard £6.95
Spare:
Needles x2 £2.55*
Points x10 £2.10*

* plus 35p post & packing

PHONE 0602 870031
HAGUE LINKING MACHINES
MILE END ROAD, COLWICK, NOTTINGHAM NG4 2DW



The "TIDY TRAY" has two hinged book rests, two cone holders and several partitions - specially designed to fit your tools and other "bits and bobs", thus keeping everything in easy reach of the operator.
Suitable for all makes of standard gauge machines.



£29.95
+ £4.25 p&p.
(Access/Visa accepted)

B.Hague & Co. Ltd.,
Mile End Road,
Colwick,
Nottingham
NG4 2DW
Telephone:
0602 870031

1



1 CROPPED JACKET

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines.

MATERIALS

Bramwell Cotton Savannah.
1 x 500g cone in White (MC).
1 x 500g cone in Black (C).
4 buttons.

GARMENT WEIGHT

Finished garment in first size weighs 465g.

The fibre content of this yarn is 100% Mercerised Cotton. For further information about this yarn, please write to the following address:- F. W. Bramwell & Co. Ltd., Unit 5, Metcalf Drive, Altham Lane, Altham, Accrington BB5 5TU.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is No. 10.

MEASUREMENTS

To fit bust 87 [92, 97] cm, 34 [36, 38] in.
Actual size 109 [114, 120] cm, 43 [45, 47] in.
Length to shoulder 50 cm, 20 in.
Sleeve seam 38 cm, 15 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

31 stitches and 40 rows to 10 cm, 4 in measured over Fair Isle (tension dial approximately 6).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Punch card, as shown, or fill in pattern card using punchcard as a guide, before starting to knit. We used card 18 from the basic set supplied with the Silver Reed model 740 machine for this pattern and reproduce it courtesy of Silver Reed. For further information about Silver Reed cards and machines, please write to Silver Knitting Machines Ltd., Unit 1, 10 Wandle Way, Willow Lane Trading Estate, Mitcham, Surrey CR4 4TE.

BACK

Push 156 [164, 172] Ns at centre to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Push Ns to HP. Using MC, cast on by hand. Push Ns to UWP. Insert card and lock on first row. Set RC at 000. K 2 rows. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. K 7 rows. Shape sides by dec 1 st at each end of next and every foll 10th row until 148 [156, 164] sts rem. RC shows 40. Inc 1 st at each end of every 6th row until there are 168 [176, 184] sts, then on every foll 7th row until there are 172 [180, 188] sts. K 2 rows. RC shows 116.

SHAPE ARMHOLES

Cast off 6 sts at beg of next 2 rows, 3 sts at beg of next 2 rows and 2 sts at beg of next 4 [6, 8] rows. Dec 1 st at each end of next and every foll alt row until 128 [132, 136] sts rem. K 59 [57, 55] rows. RC shows 200.

SHAPE NECK AND SHOULDERS

Note patt row on card. Using a length of MC, cast off centre 50 sts. Using nylon cord, K 39 [41, 43] sts at left by hand taking Ns down to NWP. Cont on rem sts for first side. * Cast off 7 [8, 8] sts at beg of next row and dec 1 st at beg of next row. Rep from * twice more. Cast off 7 [8, 8] sts at beg of next row, K 1 row. Cast off rem 8 [6, 8] sts. With carriage at right, unravel nylon cord over rem Ns bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

RIGHT POCKET LINING

Push Ns 34 to 63 inclusive at right of centre to WP. 30 Ns. Using MT and WY, cast on and

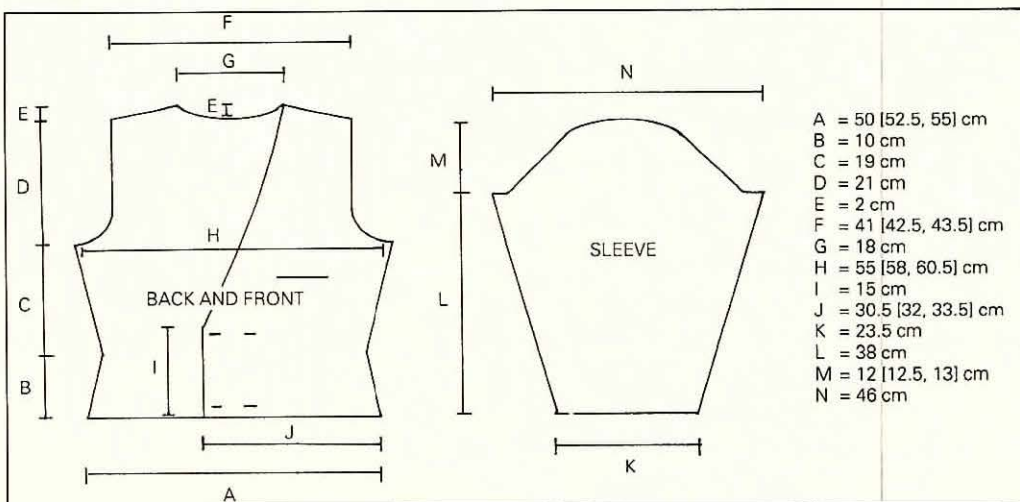
K a few rows ending with carriage at right. Push Ns to HP. Using MC, cast on by hand. Push Ns to UWP. Insert card and lock on 33rd row. Set RC at 000. K 2 rows. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. K 48 rows. Using WY, K a few rows in st st and release from machine.

RIGHT FRONT

Push 18 Ns at left and 78 [82, 86] Ns at right of centre to WP. 96 [100, 104] Ns. Using MT and WY, cast on and K a few rows ending with carriage at right. Push Ns to HP. Using MC, cast on by hand. Push Ns to UWP. Insert card and lock on first row. Set RC at 000. K 2 rows. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. K 7 rows. Dec 1 st at right edge of next row, K 2 rows. Make buttonholes over Ns 7, 8, 9 and 10 at left and right of centre. K 7 rows. Dec 1 st at right edge of next and every foll 10th row until 92 [96, 100] sts rem. RC shows 40. Inc 1 st at right edge of every 6th row until there are 95 [99, 103] sts. K 2 rows. RC shows 60. Make buttonholes over same Ns at before.

SHAPE FRONT EDGE

Dec 1 st at left edge on every



3rd row and, AT THE SAME TIME, cont to inc at right edge on every 6th row from previous inc 4 more times. 92 [96, 100] sts. RC shows 82.

PLACE POCKET LINING

Using a length of MC, cast off sts 34 to 63 inclusive at right of centre. With P side of pocket lining facing, replace sts on to empty Ns. Unravel WY. Cont to dec at front edge on every 3rd row from previous dec and, AT THE SAME TIME, cont to inc at right edge on every 6th row from previous inc 3 more times, then on every 7th row 2 times. K 2 rows. 86 [90, 94] sts. RC shows 116.

SHAPE ARMHOLE

Cont to dec at front edge on every 3rd row from previous dec and, AT THE SAME TIME, cast off 6 sts at beg of next row, K 1 row. Cast off 3 sts at beg of next row, K 1 row.

1st SIZE

Cast off 2 sts at beg of next and foll alt row.

2nd AND 3rd SIZES

Cast off 2 sts at beg of next and foll [2, 3] alt rows.

ALL SIZES

K 1 row. Dec 1 st at beg of next and every foll alt row until 55 [57, 58] sts rem. Cont to dec at front edge only on

every 3rd row from previous dec until 38 [40, 42] sts rem, then on every 4th row until 36 [38, 40] sts rem. RC shows 200.

SHAPE SHOULDER

Cast off 7 [8, 8] sts at beg of next and foll 3 alt rows, K 1 row. Cast off rem 8 [6, 8] sts.

LEFT POCKET LINING

Work as for right pocket lining reading left for right.

LEFT FRONT

Work as for right front, reversing shapings by reading left for right and right for left omitting buttonholes.

SLEEVES

Push 74 Ns at centre to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Push Ns to HP. Using MC, cast on by hand. Push Ns to UWP. Insert card and lock on first row. Set RC at 000. K 2 rows. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. K 1 row. Shape sides by inc 1 st at each end of next and every foll 4th row until there are 124 sts, then on every foll 5th row until there

are 144 sts. K 2 rows. RC shows 152.

SHAPE TOP

Cast off 6 sts at beg of next 2 rows. Dec 1 st at each end of every row until 56 [44, 44] sts rem. Cast off 3 [3, 2] sts at beg of next 8 [4, 6] rows. Cast off rem 32 sts.

FRONT BANDS

Using MC, cast on 36 sts by hand. * Set RC at 000. Using MT, K 9 rows. Using MT+2, K 1 row. Using MT, K 9 rows. Using WY, K a few rows and release from machine *.

NECKBAND

Using MC, cast on 200 sts by hand. Work as for front bands from * to *.

LOWER BACK AND RIGHT FRONT BAND

Using MC, cast on 164 [173, 182] sts by hand. Work as for front bands from * to *.

LOWER LEFT FRONT BAND

Using MC, cast on 65 [68, 71] sts by hand. Work as for front bands from * to *.

SLEEVE BANDS

Using MC, cast on 58 sts by

hand. Work as for front bands from * to *.

POCKET TOPS

Using MC, cast on 30 sts by hand. Work as for front bands.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

MAKING UP

Join shoulder, side, sleeve and sleeve band seams. Set in sleeves. Pin front, pocket and sleeve bands into position to encase edges. Unravelling WY as required, backstitch through open loops of last row worked in MC. Fold in half and catch down on inside. Catch down ends of pocket bands. Catch down pocket linings lightly on inside. Join end of lower left front band to lower back and right front band. Pin neckband and lower band in position to encase edges. Unravelling WY as required, backstitch through open loops of last row worked in MC. Fold in half and catch down on inside. Neaten open ends. Finish buttonholes and sew on buttons to correspond.

TOYOTA

BROTHER



Access

Visa

BUYING A
KNITTING MACHINE?

DAVID IS ALWAYS ON THE BALL

OPEN 7 DAYS A WEEK

Drummond Wools
of Edinburgh

are hooked on giving you the best
deal in the UK

Telephone David on
031-313-1002

• FREE delivery anywhere in the UK •

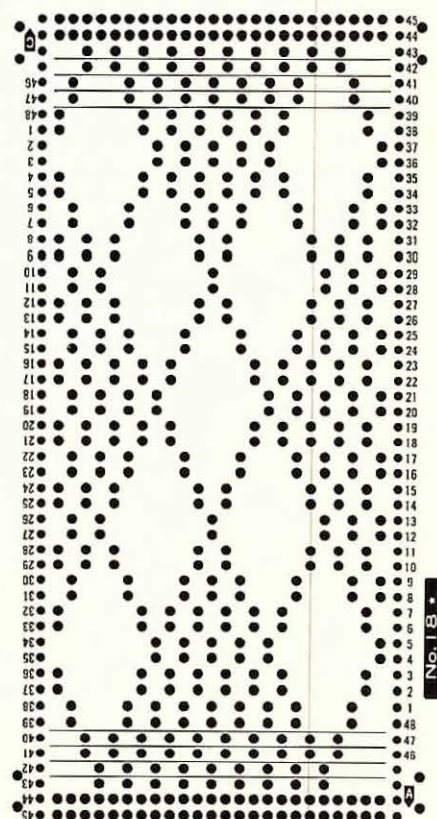
Access

Visa

Drummond Wools
79/81 Haymarket Terrace, Edinburgh EH12 5HD
Tel: 031-313 1002
Fax: 031-313 1004

KNITMASTER

SILVER REED



PUNCHCARD

DESIGNS FOR YOU

by Wendy Phillips

Coloured books. 12 st. designs, punchcard and electronic graphs

LITTLE PICTURES. 100 designs. Includes liquorice allsorts, cakes, ices, animals, trees, flowers, cars, trains, boats, balloons, snowmen, snails, soldiers, trumpets. . . in fact far too many to mention! £3.99

SMALL WORLD. 50 pictures plus 16 tiny garment patterns (to fit teddies and dollies). Decorate garments with animals, flowers, trains, planes, boats, ballerinas, clouds, umbrellas and lots more. £3.99

FOLK AND FAIRISLE. 100 designs inspired by traditional knitting, folk art and embroidery from around the world. £3.99

ZODIAC SCARVES. 60 designs. The 12 signs of the zodiac combined with zodiac symbols and border patterns have been used on colourful scarves (patterns included), ideal for sweaters and hats also. £3.99

Coloured books. 24 st. designs, punchcard and electronic graphs

SIDEWAYS STYLE. 50 designs plus sideways knitted sweater pattern in 4 adult sizes (very easy to follow). Choose from wonderfully decorative Indian, Egyptian, African, Persian, Scandinavian, Grecian, Oriental and Slavonic folk designs. £3.99

KIDS SWEATERS SIDEWAYS. 35 designs plus sideways knitted sweater pattern for kids (22 in to 32 in, very easy to follow). Decorate garments with dogs, cats, rabbits, squirrels, dinosaurs, trains, planes, racing cars, teddies, dollies, Santa, reindeer etc. £3.99

FUN WITH BUTTONS. 40 pictures (can be co-ordinated with buttons). Includes ducks, elephants, frogs, mice, ladybirds, teddies, rabbits, pigs, sheep, cats, monkeys, trees, strawberries, apples, pencils, boats. £3.99

FESTIVAL OF FLOWERS. 35 bold floral designs. Includes rose, daffodil, thistle, tulip, fox-glove, pansy, fuchsia, daisy, anemone. £3.99

JOLLY SPORTSMEN. 24 sports (cartoon style). Includes tennis, cricket, golf, bowls, football, windsurfing, canoeing, rock-climbing. £3.99

JUST THE JOB. 34 designs. Cartoon style people at work includes machine knitters, policeman, fireman, various drivers, farmer, soldier, nurse, teacher, cleaner, chef, mechanic, window cleaner. £3.99

ALPHABETS & NUMBERS. 18 styles. This great variety of alphabet and number styles will enable you to personalise sweaters for clubs, schools and charities, or to put your own special slogan on knitwear. £3.99

Coloured books. 60 stitch electronic machines only

COUNTRYSCENE ELECTRONIC. 14 large designs. Includes owl, rabbit, fox, pony, badger, birds, butterflies, ladybirds, daisies etc. £3.99

SPORT ELECTRONIC. 15 popular sports. Includes golf, football, fishing, tennis, showjumping, cricket, karate, motor racing, motor cycling, running, windsurfing and American football. £3.99

Discs for Brother 940 and 950i machines are available for use with each of the coloured books listed above. £9.95 each

Black and white books. 24 stitch punchcard graphs only

TEDDY BEARS. 20 designs. Includes bears fishing, skating, cooking, eating, juggling, reading, blowing bubbles, playing football, etc. £2.65

ALPHABET ZOO. 26 designs. Animals for every letter of the alphabet including camel, dinosaur, fox, goat, koala, sheep, zebra, etc. £2.65

JUST DOGS. 34 breeds including Scottie, Dalmatian, Greyhound, Poodle, Afghan, Doberman, Sheepdogs, Collies, Terriers, etc. £2.65

INDOOR GAMES AND SPORTS. 40 designs including gymnastics, badminton, karate, fencing, skating, basketball, diving etc. £2.65

CARS, TRUCKS, TRAINS, BOATS & PLANES. 40 designs including cars, buses, tractors, trains, vans, lorries, planes and boats. £2.65

PLEASE NOTE any of Wendy's books not listed are now sold out.

SPECIAL DISCOUNT for magazine readers until 30 June 1993

DEDUCT £1.00 from your total when ordering 3 books or more.

DEDUCT £2.00 from your total when ordering 5 books or more.

TO ORDER - write to Wendy Phillips stating clearly which books you require. Print clearly your name and address and make your cheque or postal order payable to Wendy Phillips.

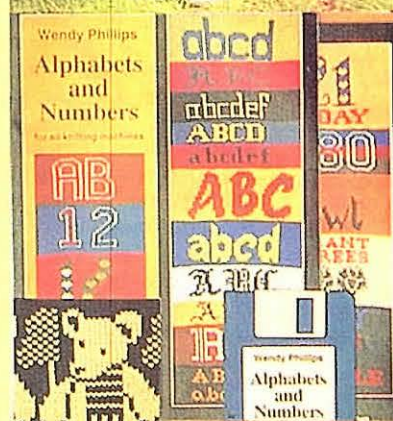
Credit card orders print clearly card holders name and address, Access/Visa number and date card expires.

PRICES INCLUDE POST AND PACKING (outside U.K. add 50p per book. Sterling only).

Send to: Wendy Phillips, P.O. Box 5, Windermere, Cumbria LA23 3AN

Wendy Phillips
**SIDEWAYS
STYLE**

Wendy Phillips
**SIDEWAYS
STYLE**



Wendy Phillips
**JUST
the
JOB**



QUESTION TIME

There is help for a beginner at Club today and an explanation of the Brother lili buttons to the owner of a new ribber but first a few of the members display their latest creations.

Pat Coulston

Georgie was wearing her new intarsia sweater with motifs on the front. It looked very good – but she had had problems. She knitted the patterned front, also adding Swiss darning for extra definition and effect, then knitted the back and sleeves. When she came to sew it up, the back was a different length from the front. What had happened? You've guessed it – she should have knitted separate tension swatches for the plain and patterned parts. Sometimes you get away with it and both finish up the same size, but poor Georgie didn't! She undid the back and sleeves, made a swatch and knitted these pieces again. She reckoned that was quicker than re-knitting the intarsia!

Debbie was wearing a very nice square necked garment which 'sat' on the neck very well. She told us that when knitting a square neck, you should not knit the sides of the neck straight up, but slightly shape them outwards, by no more than about five stitches, but it does make all the difference.

In class, we have been looking at changing from welts to every needle rib before going into double jacquard. Jean always uses the technique from Mary Weaver's ribber book which is:- COR. Stay at rib tension. Set for circular knitting. Rack once. Knit three circular rows. Rack back. Set carriage to normal. Knit one programming row and go into pattern. Also, if using three ply (or equivalent) in the 1x1 rib, use the yarn double; if doing the 2x1 commercial rib put in one strand of matching

sewing thread (anything similar, Drima and so on) as this thickens up the rib wonderfully. One of the ladies did this but got a ridge where she did the circular knitting. She had knitted the circular rows still using the two strands of yarn, but she would have been advised to only do these in the one strand only and thus avoid this ridge.

A maintenance query also came up during class. One knitter was getting the odd loop when doing tuck stitch in a tension swatch, using Silver Reed card 3. Part of this problem may have been that there was not enough knitting on the machine to give the necessary weight before commencing the tuck. I know her retaining bar is in good condition because we looked at it a few weeks earlier. Also all her brushes and plastic gears beneath the sinker plate were spinning freely. That brought me to the next point to look at. I put the sinker plate level with my eyes and could see that one of the 'plates' (on to which the brushes are attached) was not level with the other. If you turn the sinker plate over you will see six screws which hold these plates on to the top part. Now when these are loosened, the plates can be moved to align them level. It is quite vital that this alignment is absolutely spot on.

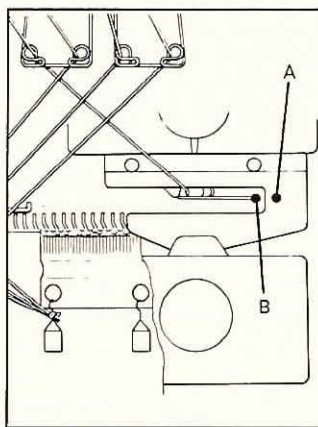
Unfortunately this is NOT a job for us average knitters as the lining up is critical. Our local mechanic in Bourne-mouth, John Major, has made himself a special jig on which he can place the carriage and sinker plate, which gives absolutely perfect alignment

every time. I am sure other recognised knitting machine mechanics are equally able to make this adjustment – but DIY is definitely OUT. Another student said she had adjusted hers herself (following some written instructions she had got somewhere) but, ever since, she had noticed that it made a slight 'grinding' noise as she knitted. Help. Poor machine. Unfortunately, when something is mechanically incorrect on one part of the machine, it throws strain on other parts and all sorts of new problems come up; these can be treated, while the original problem still lurks there, unresolved.

Norma had been trying to use her Silver Reed colour changer, but every now and then she would work across without a colour. There was no big problem here. The angled wire piece that is attached to the colour changer had got slightly bent forward. Just a slight adjustment, by gently easing it back, did the trick completely. We didn't need the mechanic for that one.

There is another point to mention here. The cause of the problem may not be as in Norma's case, but it may lie with the yarn feeder on the ribber carriage.

Note that on your feeder there is a tiny dot which I have marked A in the diagram. This must line up with B. If it does not line up, gently ease B so that it does. This is quite vital when using the colour changer.



QI have a new Brother Ribber KR850 and people keep on saying to me, 'Now you can use the lili buttons'. What on earth are they talking about?

AThese are the right and left change knobs on both sides of the ribber carriage. (Look in your manual – page eleven in mine.) I first heard Susanna Lewis call these knobs 'lili buttons' and wondered, like you, what on earth she meant! However, although on the ribber carriage the i's do not have a dot on the top of them but it still spells out the same 'lili' – hence the nickname.

WHAT DO THEY DO?

Using this setting in an every needle rib, you get a thick fabric that almost matches a double jacquard fabric. In other words, when the ribber is set as described below, you can knit the double jacquard and go straight into plain knitting, for the fabric for both will be similar. For those of you who understand what I mean, this does away with the necessity of the 'striper card'.

Another point of this technique is to give you a bird's-eye backing for the double jacquard, instead of a striped backing.

HOW THEY WORK

In the correct setting, the ribber knits over alternate needles going from right to left and coming back from left to right, knitting only the needles it missed on the first row.

When the machine is set up to knit on every needle over both beds (every needle rib) the ribber knits normally. However, when the lili buttons are used the fabric is firmer and in double jacquard you get a bird's-eye fabric on the back and a pattern that is not distorted.

THE SETTING ON THE RIBBER CARRIAGES

There are three things to do.

- 1) Put the slide lever to the central marking, lili.
- 2) Turn the little knobs, right and left, to the lili setting.
- 3) Put both left and right cam levers up to PR.

Needles on the Ribber: Note that on the plastic protection strip on the ribber bed, there are red dashes and gaps. A needle sits exactly over a dash or a gap. You must have a needle on a dash at one end and on a gap at the

other end (it does not matter which). You must not start and finish with the ribber needles both on a dash or both on a gap. In other words, there must be an even number of needles set up.

Set up some ribber needles – starting on a dash and finishing on a gap. Take the ribber carriage only (using no yarn) slowly across. Note that the second, fourth, sixth and eighth needles come up higher than the others. These are the ones that will grasp the yarn and make a stitch.

Take the ribber carriage slowly from left to right and note again, up will come needles two, four, six and eight and so on higher than the others. In other words, this time going from left to right, the ones that did not knit from right to left will knit from left to right.

While we are talking about the ribber, do, do remember, the ribber carriage needs cleaning and oiling, just the same as the main bed. I am just as guilty as you all of this

terrible omission. Only today, whilst test knitting the lili buttons on my machine to make sure I had all the instructions correct, I noted my machine was making a 'clunking' sound going from left to right, halfway across the needles. I checked all the needles, all the latches – all seemed well. I took the ribber carriage off to examine it and guess what, the poor little thing was as dry as a bone. I cleaned it off, put some oil on my 'oily brush' and 'painted' all the metal cams, putting a smidgen extra on to the joint of each cam. I wiped off the excess and tried again. Not a murmur – not a clunk or a click. That's better, it said. And I could almost see it put out its tongue at me!

Q I am a real, real beginner and have only made one garment. The pattern I am doing now started the sleeve on a different colour (I believe that is called waste yarn?), then commenced the stocking stitch in my main colour and knitted to the top.

The pattern then tells me to knit the double rib and pick up the hem and knit one row over all the needles, which I have done.

Now for the funny bit. The pattern says 'Return the stitches from the WY, evenly, on to the cuff needles'. I understand the 'evenly' bit – that is to make a wider sleeve go on to a narrow cuff. What bugs me is when I remove the waste yarn, I cannot grab the stitch with the transfer tool before the pesky little thing drops a row, then I am left with a stitch and a loop – that is if I can get hold of it at all.

A How badly we do treat beginner knitters. We tend to forget that terminology we learned over the years means nothing to a new knitter – why should it indeed?

This is what you do. Take the sleeve, cuff end at the top with the wrong side of the sleeve facing you. Look all along the part where the WY (contrast colour) joins the last row of the main knitting. You

are going to insert the single transfer tool under a main colour loop and hook this loop on to an end needle (right or left, it doesn't matter). Do the same with the next loop – putting it on to the next needle.

To get all the loops on to the needles, you will have to put two (sometimes three) loops on to one needle.

Another tip for you, to make life easier. When you have finished putting the one, two or three loops on the needle, instead of leaving the needle in the working position, bring it right forward to what is called the holding position. This will prevent the stitches falling off the needles, which they can do, when you tip the stitch on to the needle. Make sure all the knobs and levers on the carriage are in the normal position and when you make a pass across these needles, they will all knit back for you, into the working position. The waste yarn can now be removed or left in place until the join is complete.



KAMALINI'S COMPREHENSIVE TUITION PROGRAMME

THE BEST LEARNING EXPERIENCE FOR ALL MACHINE KNITTERS

NEW POSTAL PATTERN DESIGN COURSE: Offered in 12 monthly lessons to teach the skills and techniques required to design and make patterns. You knit at least 12 garments and you have an option for a certificate at the end. Registrations for the spring term are open now. Course fee of £110 is payable in 4 instalments or a discount advance payment of £100 for full 12 months. Send s.a.e. for a prospectus.

INSTRUCTIONAL VIDEO TAPES: Video tapes provide expert instruction when you want it, where you want it and as often as you need it. Kamalini's tapes are professionally produced with lots of close ups for easy viewing and live sound for pleasant listening. All tapes have supporting booklet with garment patterns.

Titles now available: All prices include VAT, postage and packing.

- | | | |
|---|--|--|
| 1. START KNITTING ON THE BROTHER
For all Brother knitting machines.
Running time: 130 min. £41.25 | 2. START KNITTING ON THE KNITMASTER
For all Knitmaster knitting machines.
Running time: 130 min. £41.25 | 3. START KNITTING ON THE TOYOTA
For all Toyota knitting machines.
Running time: 130 min. £41.25 |
| 4. HOLDING POSITION & PARTIAL KNITTING
For all Japanese knitting machines.
Running time: 120 min. £41.25 | 5. GARTER BAR AND WASTE KNITTING
For all Japanese knitting machines.
Running time: 90 min. £36.05 | 6. KNIT STEAM AND CUT
For all knitting machines.
Running time: 90 min. £36.05 |
| 7. UNDERSTANDING THE RIBBER
For all Brother ribbers.
Running time: 130 min. £50.75 | 8. A CREATIVE APPROACH
For all Brother ribbers.
Running time: 130 min. £50.75 | 9. FUN WITH COLOURS
For all Brother ribbers.
Running time: 130 min. £50.75 |

ANY TWO RIBBER TAPES: £94.00 ALL THREE RIBBER TAPES: £138.00

Not sure which video? Send for our video Samplers – only £6.00 each incl. postage refundable on purchase of any tape featured.

SAMPLER NO.1 CONTAINS EXCERPTS FROM: * Start Knitting * Holding Position & Partial Knitting * Garter Bar and Waste Knitting * Knit Steam and Cut
SAMPLER NO.2 CONTAINS EXCERPTS FROM: * Understanding the Ribber * A Creative Approach * Fun With Colours * Knit Steam and Cut

PERSONAL TUITION IN OUR STUDIO: Small classes of 2-4 students or private tuition. Ring or write for our prospectus and choose from our extensive course list. Tuition is available on all makes and models of knitting machines.

ALSO AVAILABLE EXCLUSIVELY FROM US:

* **PORTABLE STEAMERS**
Professional finish for your garments

* **GAUGE COUNTERS**
Read your tension swatch quickly and accurately

* **CATAIL BRUSHES**
The original Horse Hair brush from America to clean your machine

MACHINE KNITTING & DESIGN CENTRE

HIGH CROSS HOUSE, HIGH CROSS, ALDENHAM, WATFORD WD2 8BN

Tel: 0923 859242 (24hr answer service) Fax: 0923 859262





USING A COMPUTER FOR KNITWEAR DESIGN

Diane's article about choosing a computer in the November 1992 issue has brought so much response that this month she follows on with the use of a computer for designing knitwear.

Diane Bennett

The interest in software for designing knitwear is amazing. Many knitters who had previously never touched a computer have been tempted – and most are delighted by the ease with which it is possible to design a complete knitted garment. This month I will review the main packages now available for knitwear design and explain a little about what is involved.

SOFTWARE

A large number of programs are available to make it possible to design patterns for garments, stitch patterns and complete garments. The most powerful packages are those which allow the garment shapes and fabrics to be put together, making it possible to see how the garment pieces will look before they are knitted. It is these that I am going to cover in this article, because I believe that they allow the knitter to use a computer in the most creative way.

Other packages may suit individuals who are only interested in one part of the design process – fabric or garment design. However, think carefully before choosing a package of this type, because once you have used it you may wish that the other options were also available.

THE BIT KNITTER

Computers: Amiga, IBM compatible PC, Mac.

Machines: Brother electronic, Silver Reed electronic and Knitmaster 580, Passap/Pfaff 6000.

Contact: Cochenille Computers Knit Products Inc., PO Box 4276, Encinitas, CA 92023, or, in the UK, MacSolutions (UK) Ltd., 24 Cliffe Terrace, Keighley, West Yorkshire BD21 5DP (tel: 0535 690001).

The Software: The Bit Knitter was originally developed for Susan Lazear, to allow designs created with the Electronic Arts program DeLuxe Paint to be downloaded to suitable electronic machines. To use the Bit Knitter, it was necessary to own and use DeLuxe Paint. However, a Stitch Painter is now available (or will be shortly for some computers) which can replace DeLuxe Paint and which is for designing textiles.

To create a complete garment design, it is also necessary to use the ChartIT software for the garment shaping. An additional programme for jacquard colour separation.

Cost: The Bit Knitter currently retails at £367. This now includes the Stitch Painter and the ChartIT software (when available in some cases). The jacquard separation pro-

gramme is £94. Owners of more than one electronic machine need to buy a different Bit Knitter for each machine.

~~The advantages of the Bit Knitter are that it is available for a range of computers and for a range of machines – the latest being the Brother 910.~~ At present the software is not as easy to use as some other packages because it is not integrated, fabric and garment design and downloading to the machine are achieved in separate stages. However, it is hoped that a package will be available later which allows the use of all the options from a master program.

For those who already own an Amiga or Mac computer, this program is the right choice. However, as I mentioned in my article about buying a computer, the non-computer owner should seriously consider an IBM compatible PC, which gives a wider choice of software for knitting and other applications.

Owners of computers able to run DeLuxe Paint who do not own an electronic machine which can be linked for downloading of programs can use Susan Lazear's book *Designing Knits on your Home Computer*, which is available from Bit Knitter stockists.

DESIGNAKNIT

Computer: IBM compatible PC.

Machines: Brother electronic, Silver Reed electronic, Knitmaster 580, Passap/Pfaff (telephone to check availability).

Contact: SoftByte, Quarry Lane, Nantmawr, Oswestry, Shropshire (tel: 0691 828556).

The Software: DesignaKnit version 5 allows complete garment designs to be created. Stitch patterns and integrated shapes (stitch pattern and garment shape) can be downloaded to a suitable electronic machine. Colours can be separated for jacquard and shaping and colour changes displayed on the screen while knitting.

Price: Standard £119.50, Professional £169.50. Cable links for most Brother electronics or PPD £39.50, Silver Reed £49.50.

DesignaKnit is a package which offers the IBM computer owner a very wide range of options, but which is very easy to use. The links make it possible to use the same program for a variety of machines. This is the program which I use, because of the garment design features, so I have used it as my example for the rest of the article.

INTOSHAP

Computer: IBM compatible PC.

Machines: Brother electronic, Silver Reed electronics and Knitmaster 580.

Contact: Clwyd Technics, Antelope Industrial Estate, Rhydymwyn, Near Mold, Clwyd CH7 5JH (tel: 0352 741751).

The Software: The program allows complete garments to be designed and downloaded to a suitable electronic machine. It gives you a Jacquard separation and on-screen knitting.

Price: £149 for program and link to the machine – unlike the other prices quoted, this excludes VAT.

Like DesignaKnit, Intoshape can be used on IBM compatible computers, but it is not available for Passap/Pfaff machines nor at present for the Brother 965.

CHOOSING SOFTWARE

Demonstration disks are available for all the software listed here and other programs. These are very useful to show the options available. However, it is helpful also to have a personal demonstration – perhaps from a dealer or at one of the knitting shows. Before going for a demonstration, decide how you think the software would be useful to you. This may lead on to questions which can be answered after the demonstration.

DESIGNING A GARMENT

The basics of garment design are the same with or without a computer. Each garment

shape needs to be converted into the correct number of stitches, rows and shapings to knit each piece. On to this may be placed a stitch pattern while to design a complete garment the position of the stitch pattern on the garment piece should be considered.

The advantages of using the computer are that the tension is used to calculate the pattern automatically, many variations of the stitch pattern can be tried quickly and easily and the garment piece can be moved over the stitch pattern on the screen to find the best position.

When using DesignaKnit to design a garment, the first step should usually be to enter the tension which has been measured from a tension square. This information is used when calculating the pattern and when creating the grid if a stitch pattern is designed. The rectangles in the grid are the same shape as each knitted stitch. The design on the screen will therefore be the same shape as in the garment.

After entering the tension (or a suggested tension – this can be altered later), the next step will probably be to design the garment shape. DesignaKnit offers STANDARD and ORIGINAL shaping.

When using standard shaping, the garment is chosen from the options available. This might be a jumper (or jacket, skirt and so on) with raglan sleeves (or set-in, saddle or straight) and a round (or V, straight, square) front and straight back neck. For an accurate block, measurements should then be entered, not forgetting to add ease. However, it is also possible to use a series of pre-set sizes, which can be altered if required. The detail of the chosen garment can then be altered using the styling screen. This shows how changing a measurement affects the garment – if it does not look right on the screen, it will probably be a disaster when knitted! The depth of each welt, width and depth of the neck, fullness of a sleeve, overlap on a jacket – and many more details can be changed, making it possible to design a truly individual garment.

Original shaping is a power-

ful but simple drawing tool which allows any garment shape to be drawn, or a piece from a garment designed with standard shaping to be adapted. Simple alterations include rotating a sweater or jacket through ninety degrees for sideways knitting, making a curved front on a jacket, or dividing a front into three portions to use different colours and stitch patterns. Alternatively, any shape can be created using a series of points and used as a garment piece – see Figure 1.

The stitch pattern (or colour pattern as it is called in the program) is designed on a grid. The size of this can be defined, for example, the owners of a punchcard machine might require a grid 24 stitches wide, or the grid can be the size of a garment piece, making it possible to design or place motifs to fit the shape. Colours are chosen from the woolbox and can be adjusted to give a match which is as close as possible to the yarns to be used for the garment. The stitch pattern can be manipulated in a very large number of different ways, including for example 'vary', which displays the design in a series of colours chosen at random. This is very useful for those who find selecting colours difficult. The design can either be displayed as a grid or a fabric – which shows how the design will appear when knitted.

Those who are designers may still prefer to draw design ideas on paper first. The less artistic (like myself) can use black and white drawings, postcards or even images from a TV screen or video camera. The images can be imported into DesignaKnit from a scanner or digitiser or from other graphics packages, for example, Deluxe Paint. The graph option even makes it possible to use graphed designs from knitting magazines and pattern books. These can be converted quickly and easily for downloading to the machine or for use in a garment design – think of the time that saves!

If a patterned garment is to be knitted, the next step is to integrate the shape and stitch. This makes it possible not only to avoid disasters such as

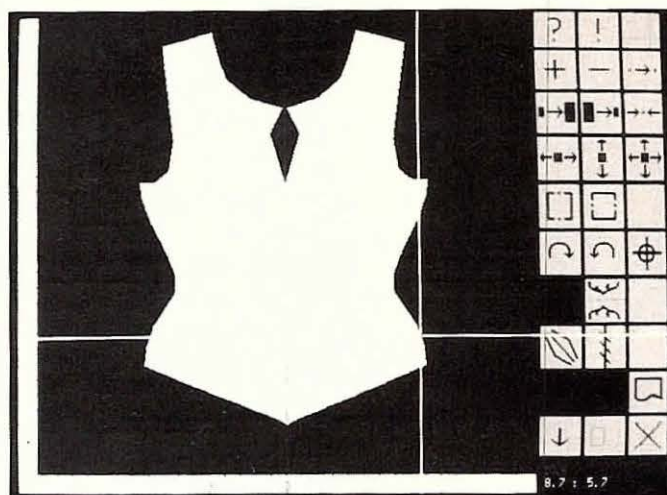


FIGURE 1

sheep with no heads at the neckline, but also to experiment to produce the most pleasing effect. It is also possible to display all the garment pieces as shown in Figure 2.

The stitch pattern, garment pattern or integrated shape can be printed out. This is very useful for owners of punchcard machines. However, it is also possible to send the design direct to a compatible electronic machine and even to knit from the screen. This option displays the garment piece, showing the row which is being knitted. When shaping is required, the computer makes a noise and shows the number of stitches and position of the shaping. A different noise means that a colour change is required. This really does make even the most complex garment shapes and multi-colour patterns very easy to knit.

For jacquard, the design can be automatically separated into up to six colours while the colour changes are still displayed correctly on the screen. When knitting three or more colours in jacquard, it is not always possible to knit the original design exactly as drawn because colour changes are on alternate rows. DesignaKnit offers the option of correcting the pattern automatically – anyone who has spent hours trying to do this will immediately appreciate the advantages of such an option!

DesignaKnit is a program which has so many features that it is impossible to describe in a short article. It has added a new dimension to my knitting – in fact, I am really enjoying exploring the many different ways in which the computer can be used for knitwear design.

FIGURE 2



2 FLARED RAGLAN TUNIC

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge machines with a ribber.

If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS

Spectrum Linaria.
1 x 500g cone in White (MC).
A small amount in Black (C).

GARMENT WEIGHT

Finished garment in first size weighs 355g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- Spectrum Yarns, Spa Mills, New Street, Slaithwaite, Huddersfield HD7 5BB.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is No. 11.

MEASUREMENTS

To fit bust 87-92 [97-102] cm, 34-36 [38-40] in.
Actual size 112 [121] cm, 44 [47 1/2] in.
Length to back neck 83 cm, 32 1/2 in.
Sleeve seam 43 [45.5] cm, 17 [18] in.

Instructions are written for the first size, larger size follows in brackets. If only one figure is given, it applies to both sizes.

TENSION

26 stitches and 37 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 9).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.

LACE HOLES

Counting from raglan edge, transfer 7th st on to the 8th N, leave empty N in WP.

When making lace holes and dec in the same row, always make lace hole first.

BACK

With carriage at right and using MC, cast on 182 [196] sts at centre in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-6/MT-6, K 6 rows. Transfer sts for st st *. Set RC at 000. Using MT, K 11 [10] rows. Using a three prong transfer tool, shape sides by dec 1 st at each end of next and every foll 12th [11th] row until 148 [160] sts rem. K 12 [18] rows. RC shows 216.

SHAPE RAGLAN ARMHOLES

Cast off 5 sts at beg of next 2 rows. Make lace holes at raglan edges in the next and every foll 4th row and, AT THE SAME TIME, using a four prong transfer tool, shape raglans as follows:- **

1st SIZE

Dec 1 st at each end of next and every foll 3rd row until 76 sts rem.

2nd SIZE

* Dec 1 st at each end of next and foll 3rd row, K 1 row. Rep from * 17 more times. Dec 1 st at each end of next row. 76 sts.

BOTH SIZES

Using WY, K a few rows and release from machine.

FRONT

Work as for back to **.

1st SIZE

Dec 1 st at each end of next and every foll 3rd row until 90 sts rem.

2nd SIZE

* Dec 1 st at each end of next and foll 3rd row, K 1 row. Rep from * 13 more times. 94 sts.

BOTH SIZES

SHAPE NECK

Push 68 [70] Ns at left to HP and cont on rem sts for first side.

1st SIZE

Keeping continuity of lace holes, cont to dec at raglan edge on every 3rd row from previous dec and, AT THE SAME TIME, K 1 row. Cast off 2 sts at beg of next row. Dec 1 st at neck edge of next 6 rows, K 1 row. Dec 1 st at neck edge of next and every foll alt row until 3 sts rem. K 2 rows. Dec

1 st at neck edge of next row.

2nd SIZE

Keeping continuity of lace holes, dec 1 st at raglan edge of next row. Cast off 2 sts at beg of next row. Dec 1 st at neck edge of next row. Dec 1 st at each end of next row. Dec 1 st at neck edge of next row. Dec 1 st at each end of next row. Dec 1 st at neck edge of next 2 rows. Dec 1 st at raglan edge of next row. Dec 1 st at neck edge of next row. Dec 1 st at raglan edge of next row. Dec 1 st at neck edge of next row, K 1 row. Dec 1 st at each end of next and foll alt row, K 1 row. Dec 1 st at neck edge of next 2 rows, K 1

row. Dec 1 st at neck edge of next row.

BOTH SIZES

Fasten off rem 2 sts. With carriage at right, push 46 Ns at right from HP to UWP. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

SLEEVES

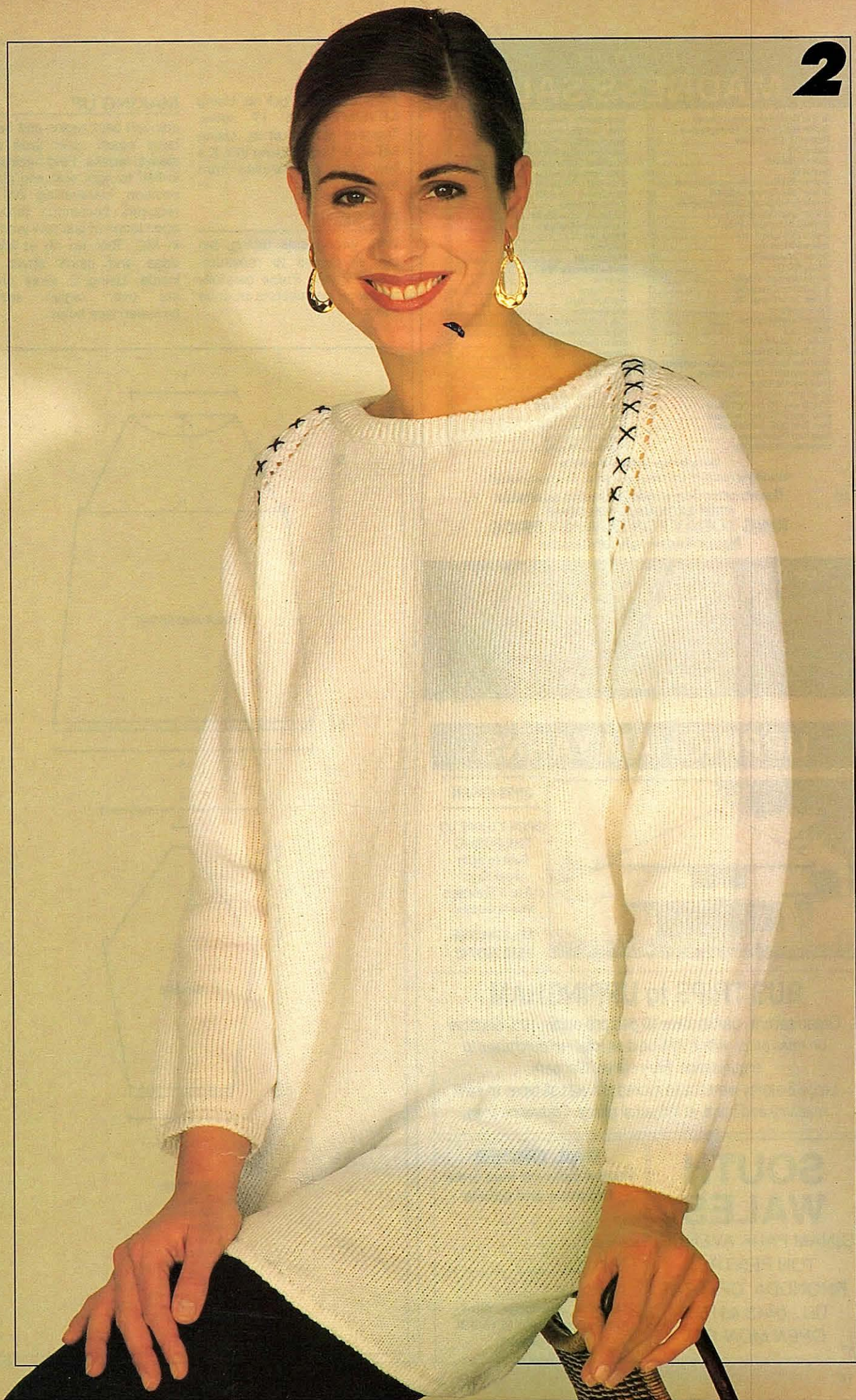
With carriage at right and using MC, cast on 74 [76] sts at centre in 1x1 rib. Work as for back from * to *. Set RC at 000. Using MT, K 7 [8] rows. Using a three prong transfer tool, shape sides by inc 1 st at each end of next and every foll 8th [9th] row until there are 110 sts. K 8 [9] rows. RC shows 152 [162].

SHAPE RAGLAN TOP

Cast off 5 sts at beg of next 2 rows. Make lace holes at raglan edges in the next and every foll 4th row and, AT THE SAME TIME, using a four prong transfer tool, dec 1 st at each end of every alt row until 10 sts rem. K 1 row. Using WY, K a few rows and release from machine.

NECKBAND

Join raglan seams, leaving left back raglan open. Push 184 Ns to WP. With K side facing, pick up 184 sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT and MC, K 1 row.



Summer MADNESS SALE

Brother KH 270 New Electronic Chunky	£7	Silver Reed PE1 Design Controller	£7
Brother KH900 Electronic Knitting Machine	£7	Silver Reed 580 Lace Carriage	£7
Brother KR100 Super Drive	£7	Silver Reed SK210 Punchcard	£7
Brother 710	£7	Silver Reed SK280 Punchcard	£7
Brother 710 Ribber	£7	Silver Reed SK270 Punchcard	£7
Brother 835	£7	Silver Reed Lace Carriage	£7
Brother KR850 Ribber (fits all standard machines)	£7	Silver Reed LK150 Double Knitter	£7
Brother Garter Carriage KG88 MKII	£7	Horn Cabinet + Bench K 4	£7
Brother Garter Carriage KG89 Plus Magnets	£7	Brother 260 Ribber	£7
Brother Garter Carriage KG93	£7	Brother 395 convertible KX	£7
Brother 230 Chunky and Ribber	£7	Toyota Colour Changer	£7
Brother 260 Chunky P card	£7	Brother 940	£7
Brother 965 Electronic	£7	Disc Drive	£7
Brother Convertible 390	£7	Brother Printer	£7
Brother PPD 120	£7	Brother Overlocker 76DE	£7
Brother Overlocker 4T 546D	£7	Calcuknit	£7
Brother Colour Changer 900	£7	Bond Original	£69
Brother Colour Changer 820	£7	New Bond Classic	£7
Brother Knitleader	£7	New Bond Elite	£7
Brother Transfer Carriage	£7	Hague K Machine I.K. 619	£7
Brother Linca	£7	Hague Linker Hand and Electric	£7
Brother Punchcard KH 864	£7	Brother Electronic 940	£7
Silver Reed SRP60 Ribber	£7	Toyota 901	£7
Silver Reed SK155 Chunky Punchcard and Ribber	£7	Toyota Ribbers	£7
Silver Reed SK151 Chunky and Ribber	£7	Toyota 858	£7
Silver Reed 150 Ribber	£7	Toyota 950	£7
Silver Reed Option 4 (Chunky)	£7	Toyota Electric Linker	£7
Silver Reed SK580 Standard Gauge	£7	Motor Drive and Stand P90	£7
Silver Reed SK840 Standard Gauge	£7	Electric Wool Winder	£7
Silver Reed SK860 Double Knitter	£7	Power Knit Electric Linker	£7
Silver Reed SK890 Chunky	£7	Keyto Cabinet and Bench	£7
Silver Reed EC1 Control Box	£7	Overlockers - All makes	£7

Sewing Machines - all makes - Ring for Price

All knitting machine accessories in stock. Ring for price list.

Demonstration models always available
PART EXCHANGE WELCOME
RING TODAY FOR LOWEST PRICE
Never Knowingly Undersold

SUPREME SEWING AND KNITTING MACHINES

189 Streatham High Road, SW16

Tel: 081-769 8564. 081-677 7342.

OPEN 6 DAYS A WEEK.

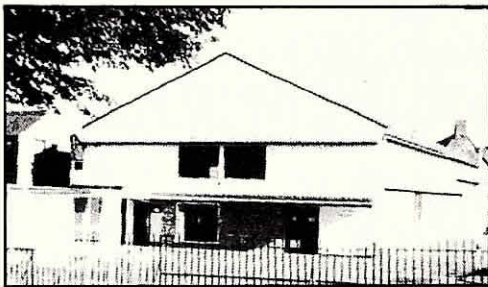
CREDIT AVAILABLE. ACCESS/BARCLAYCARD ACCEPTED.

MAIL ORDER THROUGHOUT UK. RING RE DELIVERY.

Daily demonstrations on all models in extensive showroom

TOP DISCOUNT

UPPINGHAM YARNS



UPPINGHAM

OPEN 7 DAYS TO THE PUBLIC
9am to 5pm weekdays
(10 to 5 Sundays and holidays)

TELEPHONE
0572 823747

BUS TRIPS to UPPINGHAM

Organisations, parties over 10 persons obtain 10% discount on retail price, with 2 1/2% paid on total net purchases to organisation. Free coffee. Car park.

Large 2-storey warehouse racked out with all types of yarn, machine and hand, at industrial prices. Clearance lines.

SOUTH WALES

DINAM PARK AVENUE,
 TON PENTRE,
 RHONDDA CF41 7AT
 TEL: 0443 431500
OPEN MON-SAT

MAIL ORDER

Please send me mail order brochure and details

NAME

ADDRESS

Send to: Uppingham Yarns,
 Uppingham, Leics LE15 9QL
 (SAE please)

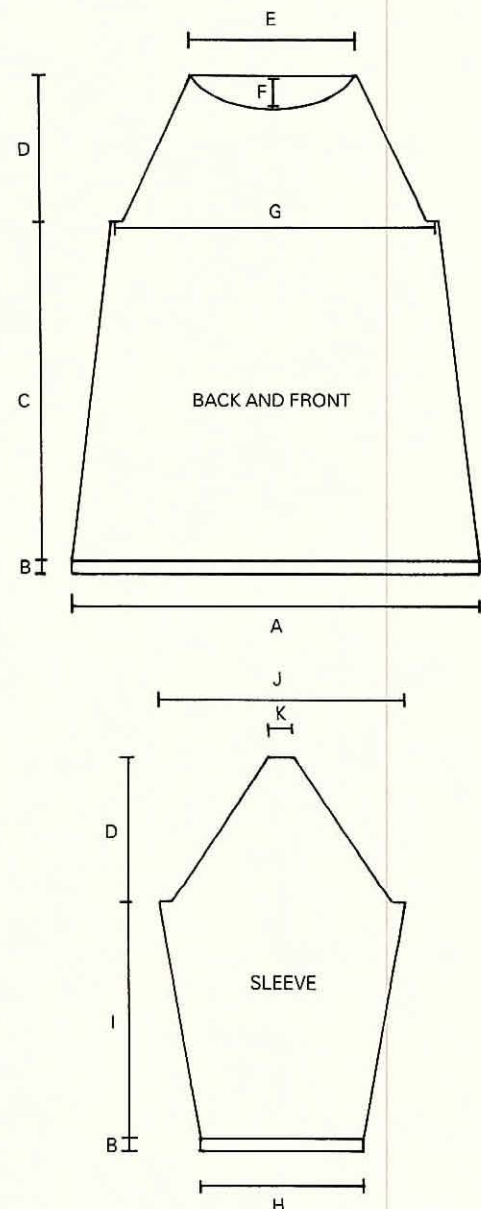
Transfer sts for 1x1 rib. Using MT-5/MT-5, K 17 rows. Transfer sts for st st. Using MT-1, K 1 row. Using WY, K a few rows and release from machine.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

MAKING UP

Join left back raglan and neckband seam. Join side and sleeve seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC. Turn up rib at lower edge and catch down on inside. Using C, work cross sts over raglan seams between lace holes.



A = 70 [75] cm
 B = 2 cm
 C = 58 cm
 D = 25 cm
 E = 29 cm
 F = 5.5 cm
 G = 56.5 [61.5] cm
 H = 28 [29] cm
 I = 41 [43.5] cm
 J = 42 cm
 K = 3.5 cm



ANN KITE EDUCATIONAL SERVICES OPEN LEARNING VIDEO COURSES

GUARANTEED LEARNING!

Our Video Courses offer step-by-step tuition. WE GUARANTEE THAT EVERY STEP IS INCLUDED. If you can show us a missing step, WE WILL REFUND YOUR MONEY IN FULL.

(Full details available on request. UK and Eire only.)

Does not apply to a small number of less common knitting machines.)

SPECIAL SPRING OFFER. The Money Saver Coupon in the April and May issues is still valid. **BIG SAVINGS** on all the above prices. **SEND COUPON WITH YOUR ORDER BEFORE MAY 29th**

ALL ANN KITE VIDEO COURSES ARE APPROVED BY SILVER, KNITMASTER, BROTHER & TOYOTA and are suitable for most of their machines including Chunkies

	STANDARD PRICE	SERIES ★ PRICE
No. 1 For Beginners. Takes you from setting up the machine to knitting two garments (one in Fairisle). STILL THE ONLY BEGINNERS VIDEO TO SHOW YOU TWO NECKLINES AND NECKBANDS, AND FAIRISLE. 2 hours 50 mins	£48.25	-
No. 2 Punchcard Knitting and the Charting Device. Fairisle, Tuck, Slip and Weaving, also Punch Lace (NOT the Lace Carriage). Drawing a block and knitting a tuck stitch sweater using the charter. 3 hours	£53.60	£48.25
No. 3 Intarsia Geometric intarsia using the holding position, and picture intarsia using the intarsia carriage. Includes charting the design, and how to incorporate the design in a sweater. 2 hours 30 mins	£48.50	£43.65
Nos. 4 & 5 Programming the Silver and Knitmaster Electronics		
No. 4 Part A Pattern Knitting using Design Controller or Mylar sheet. Includes positioning the cams, use of the inspection light. How mistakes can arise and correcting them, drawing a Mylar sheet, and knitting a single motif. 2 hours 20 mins	£53.60	£48.25
No. 5 Part B Pattern Panel, reflecting a pattern, including programming an automatic reflection. A V-neck Fairisle sweater. Programming the Design Controller for a pattern more than 60 stitches wide. 1 hour 45 mins	£40.35	£36.30
Nos. 7A, 7B, 7C & 7D THE RIBBER SERIES.		
No. 7A Setting Up and Checking the Alignment. 54 mins	£27.95	-
No. 7B Getting Started Knitting a 1 x 1 rib as a welt, round neckband, and V-neckband 46 mins	£29.95	£25.55
No. 7C Understanding Welts. Detailed explanation of mainbed and ribber carriage controls and how they relate to each other. 2 x 2 ribs and circular hems. Improving the finish of welts. Choosing the right welt. 2 hours	£42.95	£36.50
No. 7D ★ ★ NEW ★ ★ English and Fisherman's Ribs. Includes 6 variations on English Rib, and 3 on Fisherman's Rib. (Does not include garment making) 2 hours	£42.95	£36.50

ANN KITE EDUCATIONAL SERVICES ARE FULLY COMMITTED TO MEETING THE GOVERNMENT'S CODE OF PRACTICE ON OPEN LEARNING

TUITION AT THE LLANERCH

Intensive tuition in my workroom. Courses (2½ or 5 days) for all levels and all machines (except Passap/Pfaff 6000 and Singer). Classes limited to 3. Bring your own machine or use mine. Large well equipped workroom in beautiful location. Accommodation available locally. (The Llanerch is on the Welsh border. Birmingham 80 miles; Bristol 90 miles).

★ SERIES PRICES

A "BULK BUY" DISCOUNT WITHOUT THE NEED TO BULK BUY!!

Just buy our videos one at a time in numerical order, starting with No. 1 or No. 7A. NO NEED TO COMPLETE ANY SERIES. (For Silver and Knitmaster Electronics, the order is 1,2,3,4,5 OR 1,4,5,2,3.)

THE ANN KITE POSTAL CLUB

Access to our 'phone Helpline when using our Open Learning Video Courses, also a regular Newsletter, and REDUCED PRICES ON ALL VIDEO COURSES. Ask for details.

FREE TRIAL

Send **£14.95** deposit for a 2-day viewing of our Video No. 6 (1-hour). Your deposit will be refunded when you return the video to us, EVEN IF YOU DO NOT BUY ANOTHER VIDEO.

All our Courses are backed by our full personal service. Please 'phone us - we will offer you relaxed and friendly advice (and definitely no "hard sell"!)

★ OR PHONE OR WRITE FOR OUR FREE LIST OF LESSONS ON EACH VIDEO COURSE

★ OR SEND £1.50 (refundable against first order) FOR OUR COMPLETE 20-PAGE SYLLABUS. STAMPS ACCEPTED.

POSTAGE & PACKING. PLEASE ADD PER VIDEO: £1.50 UK; £4.50 EUROPE INC. EIRE; WORLDWIDE, PLEASE ENQUIRE.
FREE POSTAGE AND PACKING (UK ONLY) ON ORDERS OVER £120

★ ORDER NOW FROM:



ANN KITE EDUCATIONAL SERVICES (MKX)

The Llanerch, New Radnor, Powys, LD8 2TP. Tel: 054421 627
(24-hour answering service)

CANADA: Carriage Trade, 20 Dalrymple, RR# 2, Camlachie, Ontario NON IEO



WARNING: Worldwide, all published material is protected by copyright laws. All ANN KITE Video Courses are for personal use in the home only. ANY OTHER USE must be authorised in writing by ANN KITE. Please write or 'phone for information.

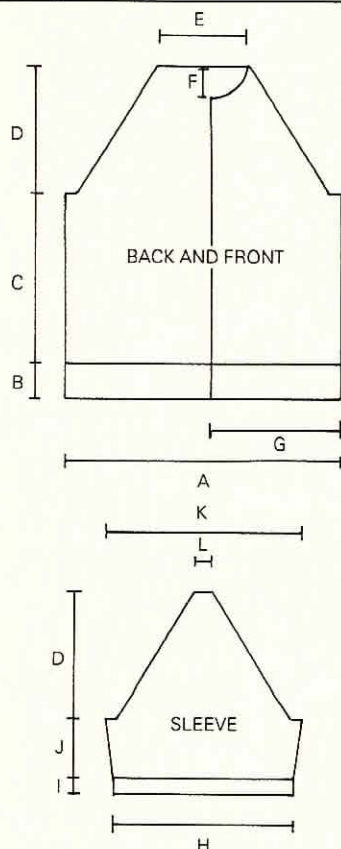
BACK

MACHINES WITH RIBBER

With carriage at right and using MY, cast on 117 [123, 129, 135, 141, 147, 153, 159, 165, 171] sts at centre in 1x1 rib with extra st at right. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-4/MT-4, K 32 rows. Transfer sts for st st *.

MACHINES WITHOUT RIBBER

Push 58 [61, 64, 67, 70, 73, 76, 79, 82, 85] Ns at left and right of centre 0 to WP. 116 [122, 128, 134, 140, 146, 152, 158, 164, 170] Ns. * Push every 3rd N back to NWP. Using MT and WY, cast on and K a few rows, ending with carriage at left. Set RC at 000. Using MT-2 and MY, K 55 rows. Push Ns from NWP to



- A = 48.5 [51, 53.5, 56, 58.5, 61, 63.5, 66, 68.5, 71] cm
 B = 6 cm
 C = 30 [30, 30, 30, 31, 31, 31, 31, 31, 31, 31] cm
 D = 22 [24, 25, 26, 28, 29, 30, 32, 33, 34] cm
 E = 15 [16, 17, 17.5, 17.5, 18.5, 19.5, 20, 21, 22] cm
 F = 5 [6, 6, 6, 7, 7, 7, 8, 8, 8] cm
 G = 23 [24.5, 25.5, 27, 28, 29.5, 30.5, 32, 33, 34.5] cm
 H = 32 [32.5, 34.5, 36, 37, 37.5, 39.5, 40, 42, 42.5] cm
 I = 2.5 cm
 J = 10 [11, 11, 11, 12, 12, 12, 13, 13, 13] cm
 K = 34.5 [36, 37.5, 39.5, 41, 42.5, 44.5, 46, 47.5, 49.5] cm
 L = 4.5 cm

3 SHORT SLEEVED TUCK STITCH CARDIGAN

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with or without a ribber.

MATERIALS

King Cole Angora Look.
 1 x 400g cone in Snowdrop (MY).

9 buttons.

GARMENT WEIGHT

Finished garment in first size weighs 255g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- King Cole Ltd., Merrie Mills, Old Souls Way, Bingley, West Yorkshire BD16 2AX.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is No. 12.

MEASUREMENTS

To fit bust 87 [92, 97, 102, 107, 112, 117, 122, 127, 132] cm, 34 [36, 38, 40, 42, 44, 46, 48, 50, 52] in.
 Actual size 95 [100, 105, 110, 115, 120, 125, 130, 135, 140] cm, 37 1/2 [39 1/2, 41 1/2, 43 1/2, 45 1/2, 47, 49, 51, 53, 55] in.
 Length to back neck 58 [60, 61, 62, 65, 66, 67, 69, 70, 71] cm, 23 [23 1/2, 24, 24 1/2, 25 1/2, 26, 26 1/2, 27, 27 1/2, 28] in.
 Sleeve seam 12.5 [13.5, 13.5, 13.5, 14.5, 14.5, 14.5, 15.5, 15.5, 15.5] cm, 5 [5 1/2, 5 1/2, 5 1/2, 5 1/2, 5 1/2, 5 1/2, 6, 6, 6] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

24 stitches and 60 rows to 10 cm, 4 in measured over tuck stitch pattern (tension dial approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used purl side of knitting as right side of garment. Punch card, as shown, or fill in pattern card before starting to knit. We used a Brother card for this pattern and reproduce it courtesy of Jones+Brother. For further information about Brother cards and machines, please write to Jones+Brother, Shepley Street, Guide Bridge, Audenshaw, Manchester M34 5JD.

To make the pattern the same at each side an extra st is required. For most machines this extra st should be at the right, but this may vary.

SILVER REED ELECTRONIC MACHINES

Place needle 1 cam at centre 0 and point cams 2 Ns in from each edge. Press button 1 (right light on) and button 2 (left light on for 580 and SK 840 machines).

BROTHER ELECTRONIC MACHINES

Position patterns at each side of centre 0.

WP and make a hem by placing loops of first row worked in MY evenly along the row. Unravel WY when work is completed *. Inc 1 st at right edge. 117 [123, 129, 135, 141, 147, 153, 159, 165, 171] sts.

ALL MACHINES

Insert card and lock on first row. Take carriage across twice without knitting. Set RC at 000. Using MT, K 1 row. Release card and cont in tuck st patt. K 179 [179, 179, 179, 185, 185, 185, 185, 185, 185] rows. RC shows 180 [180,

180, 180, 186, 186, 186, 186, 186, 186].

SHAPE RAGLAN

ARMHOLES

Cast off 5 sts at beg of next 2 rows. Dec 1 st (2 sts in) at each end of every 4th row until 47 [45, 49, 53, 53, 57, 61, 59, 63, 67] sts rem, then on every foll alt row until 37 [39, 41, 43, 43, 45, 47, 49, 51, 53] sts rem. Using WY, K a few rows in st st and release from machine.

LEFT FRONT

MACHINES WITH RIBBER

Push Ns 4 to 59 [62, 65, 68, 71, 74, 77, 80, 83, 86] inclusive at right of centre 0 to WP. 56 [59, 62, 65, 68, 71, 74, 77, 80, 83] Ns on each bed. Arrange Ns for 1x1 rib. With carriage at right and using MY, cast on. Work as for back from * to *.

MACHINES WITHOUT RIBBER

Push Ns 4 to 59 [62, 65, 68, 71, 74, 77, 80, 83, 86] inclusive at right of centre 0 to WP. 56 [59, 62, 65, 68, 71, 74, 77, 80, 83] Ns. Work as for back from * to *.

ALL MACHINES

** Insert card and lock on first row. Take carriage across twice without knitting. Set RC at 000. Using MT, K 1 row. Release card and cont in tuck st patt. K 179 [179, 179, 179, 185, 185, 185, 185, 185] rows. RC shows 180 [180, 180, 180, 186, 186, 186, 186, 186, 186]. K 1 row extra for right front.

SHAPE RAGLAN ARMHOLE

Cast off 5 sts at beg of next row, K 1 row. Dec 1 st (2 sts in) at raglan edge of every 4th row until 27 [28, 30, 31, 33, 34, 36, 37, 39, 40] sts rem. K 3 [1, 3, 1, 3, 1, 3, 1, 3, 1] rows.

SHAPE NECK

Cont to dec at raglan edge on every 4th row from previous dec and, AT THE SAME TIME, cast off 5 [5, 6, 7, 7, 8, 9, 9, 10, 11] sts at beg of next row, K 1 row. Dec 1 st (2 sts in) at neck edge on next and every foll alt row until 8 [8, 8, 9, 10, 11, 11, 12, 12] sts rem. Cont to dec at raglan edge only on every 4th row from previous dec until 7 [5, 6, 7, 7, 8, 9, 7, 8, 9] sts rem, then on every foll alt row until 2 sts rem. Cast off **

RIGHT FRONT

MACHINES WITH RIBBER

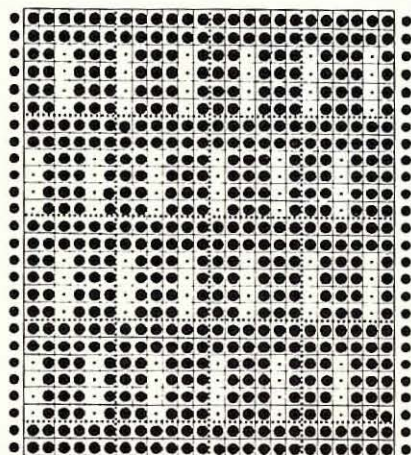
Push Ns 3 to 58 [61, 64, 67,



70, 73, 76, 79, 82, 85] inclusive at left of centre on each bed to WP. 56 [59, 62, 65, 68, 71, 74, 77, 80, 83] Ns on each bed. Arrange Ns for 1x1 rib. With carriage at right and using MY, cast on. Work as for back from * to *.

MACHINES WITHOUT RIBBER

Push Ns 3 to 58 [61, 64, 67, 70, 73, 76, 79, 82, 85] inclusive at left of centre 0 to WP. 56 [59, 62, 65, 68, 71, 74, 77, 80, 83] Ns. Work as for back from * to *.

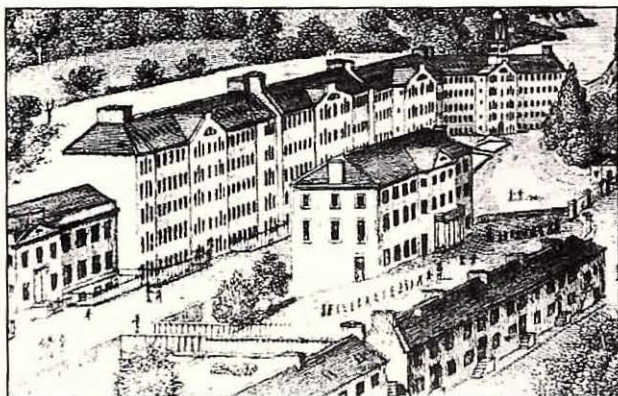


PUNCHCARD



ELECTRONIC CHART

New Lanark Mills



Pure Wool Aran

at direct from the mill prices

* Natural Aran from only £1.20 per 100g

* Coloured Aran from only £1.30 per 100g

Produced on traditional textile machinery in a 200-year-old mill village. See the wool being spun in our award-winning Visitor Centre, open all year. Ideal for group visits and Guided Tours.

** New for 1993 **

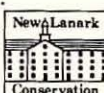
The Scottish Heritage Collection
subtle blends of natural Scottish fleeces

Wool available by post in hanks, balls or coned.

Shade card and information leaflet from:



NEW LANARK TRADING LTD
NEW LANARK MILLS, LANARK
ML11 9DB Tel: 0555 665876



ALL MACHINES

Work as for left front from ** to **, reversing shapings by noting alteration in number of rows worked.

SLEEVES

MACHINES WITH RIBBER

With carriage at right and using MY, cast on 77 [79, 83, 87, 89, 91, 95, 97, 101, 103] sts at centre in 1x1 rib with extra st at right. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-4/MT-4, K 14 rows. Transfer sts for st st.

MACHINES WITHOUT RIBBER

Push 38 [38, 41, 43, 44, 44, 47, 47, 50, 50] Ns at left and 39 [39, 42, 43, 45, 45, 48, 48, 51, 51] Ns at right of centre 0 to WP. 77 [77, 83, 86, 89, 89, 95, 95, 101, 101] Ns. Push every 3rd N back to NWP. Using MT and WY, cast on and K a few rows, ending with carriage at left. Set RC at 000. Using MT-2 and MY, K 23 rows. Push Ns from NWP to WP and make a hem by placing loops of first row worked in MY evenly along the row. Unravel WY when work is completed.

2nd, 6th, 8th AND 10th SIZES

Inc 1 st at each end.

4th SIZE

Inc 1 st at right edge.

ALL SIZES

77 [79, 83, 87, 89, 91, 95, 97, 101, 103] sts.

ALL MACHINES

Insert card and lock on 1st [7th, 7th, 7th, 7th, 7th, 7th, 1st, 1st, 1st] row. Take carriage across twice without knitting. Set RC at 000. Using MT, K 1 row. Release card and cont in tuck st patt. Shape sides by inc 1 st (2 sts in) at each end of every 18th [16th, 16th, 16th, 14th, 11th, 11th, 10th, 10th, 9th] row until there are 83 [87, 91, 95, 99, 103, 107, 111, 115, 119] sts. K 5 [1, 1, 1, 1, 5, 5, 7, 7, 5] rows. RC shows 60 [66, 66, 66, 72, 72, 72, 78, 78, 78].

SHAPE RAGLAN TOP

Cast off 5 sts at beg of next 2 rows. Dec 1 st (2 sts in) at each end of every 6th row until 67 [67, 73, 79, 79, 85, 91, 91, 97, 103] sts rem, then on every foll 4th row until 11 sts rem. Using WY, K a few rows in st st and release from machine.

NECKBAND

Join raglan seams. Push 116

[122, 128, 134, 140, 146, 152, 158, 164, 170] Ns to WP. With P side facing, pick up 25 [27, 29, 31, 33, 35, 37, 39, 41, 43] sts up right side of neck, 11 sts across top of sleeve, inc 1 st, 37 [39, 41, 43, 43, 45, 47, 49, 51, 53] sts across back, inc 5 [5, 5, 5, 7, 7, 7, 7, 7, 7] sts evenly, 11 sts across top of sleeve, inc 1 st and 25 [27, 29, 31, 33, 35, 37, 39, 41, 43] sts down left side of neck and place on to Ns. Unravel WY. Set RC at 000. Using MT and MY, K 1 row.

MACHINES WITH RIBBER

Transfer sts for 1x1 rib. Using MT-4/MT-4, K 28 rows. Transfer sts for st st. Using MT, K 2 rows. Using WY, K a few rows and release from machine.

MACHINES WITHOUT RIBBER

Transfer every 3rd st on to adjacent N and push empty Ns to NWP. Using MT-1, K 5 rows. Using MT-2, K 15 rows. Using MT-1, K 4 rows. Push Ns from NWP to WP and place loop from row below adjacent st on to empty N. Using MT, K 2 rows. Using WY, K a few rows and release from machine.

BUTTONHOLE BAND

Using MY, cast on 17 sts by hand. Set RC at 000. Using MT-1, K 5 [7, 4, 6, 6, 4, 5, 7, 5, 7] rows. * Counting from each end, make buttonholes over 4th, 5th and 6th sts. K 24 [24, 25, 25, 26, 27, 27, 27, 28, 28] rows. Rep from * 7 times more. Make buttonholes over same sts as before. (9 sets of buttonholes.) K 4 [6, 4, 6, 5, 3, 5, 7, 5, 6] rows. Cast off.

BUTTON BAND

Work as for buttonhole band omitting buttonholes.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

MAKING UP

Join side and sleeve seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MY. Fold front bands in half lengthways, neaten short ends, then sew in position with buttonholes on right front. Finish buttonholes and sew on buttons.



Summer Knitting Machine Seminar

Head for the Hills at Camp Tuckanitslip 1993

Camp Tuckanitslip is for all machine knitters, beginner's to advanced, no matter what kind of machine you own.

Work on your knitting skills in the company of our premier group of "Counselors" including: Terri Burns, Bea Carrier, Lili Chin, Susan Guagliumi, Ruth Lantz, Susan Lazear, Ginger Leuters, Alvina Murdaugh, Susan Nutter, June Reed, Linda Schuster, Leslye Solomon, Joan Stiles, Bonnie Triola, Lynn Wohlsen, and Gini Woodward.

We'll offer hands-on workshops for those who learn better at the machine, as well as lecture demonstrations on a huge range of subjects taught on Studio by White machines. All knitters are welcome.

This year, in addition to over 90 different classes, Camp Tuckanitslip will offer a full day, hands-on class focused on the similarities between machine and hand knitting and the ways they can be combined. The class is aimed at making new knitters comfortable with the machine and a repertoire of basic techniques as quickly as possible. In addition, many of the classes on this year's schedule are fully applicable to hand knitting, guaranteeing hand knitters who attend camp a full range of courses to choose from.

All of this at Crystal Mountain Resort, Crystal Mountain, Washington. Located 76 miles east of Seattle in the Mount Baker-Snoqualmie National Forest. The view from the top, with an elevation of 7,000 feet offers a

dramatic 360° view of the Cascade Mountains. The glacier on mount Rainier looks close enough to touch!

Space will be limited this year so you must register early for this four day, three night knitter's retreat. Everyone will be housed in ski condos.

\$349. *covers tuition, room and all meals, making Camp Tuckanitslip the knitting bargain of the year! Plan to join us for an unforgettable experience!*

**Make your reservations now for
June 11-14**

For registration information contact your local Studio by White Dealer or call 1-800-367-0518. Brochures will be mailed after March 1, 1993.

Studio
by **WHITE**

First in Knitting Machines

©1992 VWS

4



Designer Fran Francis specialises in punchcard patterns but her designer's eye knows just how to use them to best effect on a garment. Look out in future issues for the patterns with her signature and meanwhile sail into summer with this regatta of boats.

BACK

With carriage at right and using MC, cast on 140 [148, 154, 160, 168] sts at centre in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-6•/MT-6•, K 40 rows. Transfer sts for st st. Set RC at 000. Cont in patt, K 112 [112, 116, 116, 120] rows. Place marker at each end. K 56 [56, 52, 52, 48] rows. RC shows 168. Cont in st st and MC *. K 34 [34, 38, 38, 42] rows.

SHAPE NECK

Push 91 [95, 98, 101, 105] Ns at left to HP and cont on rem sts for first side. K 1 row. Dec 1 st at neck edge of every row until 42 [46, 49, 52, 56] sts rem. Using WY, K a few rows and release from machine. With carriage at right, push 42 Ns at right from HP to UWP. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

FRONT

Work as for back to *. K 12 [12, 16, 16, 20] rows. 30 rows less have been worked to shoulder than on back.

SHAPE NECK

Push 87 [91, 94, 97, 101] Ns at left to HP and cont on rem sts for first side. K 1 row. Dec 1 st at neck edge of every row until 42 [46, 49, 52, 56] sts rem. K 18 rows. Using WY, K a few rows and release from machine. With carriage at right, push 34 Ns at right from HP to UWP. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

SLEEVES

With carriage at right and using MC, cast on 70 sts at centre in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-6•/MT-6•, K 30 rows. Transfer sts for st st. Set RC at 000. Cont in patt. Shape sides

4 SWEATER WITH BOATS

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for Brother standard gauge punchcard and electronic machines with ribber and garter carriage. We used a Brother 881.

If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS

Bramwell Fine 4-ply.
1 x 500g cone in White (MC).
1 x 500g cone in Navy (A).
1 x 500g cone in Red (B).
1 x 500g cone in Yellow (C).

GARMENT WEIGHT

Finished garment in fourth size weighs 365g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- F. W. Bramwell & Co., Unit 5, Metcalf Drive, Altham Lane, Accrington BB5 5TU.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is No. 11.

MEASUREMENTS

To fit bust 82 [87, 92, 97, 102] cm, 32 [34, 36, 38, 40] in.
Actual size 98 [104, 108, 112, 118] cm, 38½ [41, 42½, 44, 46½] in.
Length to shoulder 62.5 [62.5, 63.5, 63.5, 64.5] cm, 24½ [24½, 25, 25, 25½] in.
Sleeve seam 45 cm, 18 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

28 stitches and 39 rows to 10 cm, 4 in measured over pattern (tension dial approximately 8 on main carriage and MT-4 on garter carriage).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Punch cards, as shown, or fill in pattern cards using punchcards as a guide, before starting to knit. Knit two colour Fair Isle rows with first colour given in back feeder 1/A to knit background and second colour given in front feeder 2/B to knit contrast pattern.

PATTERN

Insert card 1 and lock on first row (on back and front, set for single motif knitting over centre 132 [132, 132, 156, 156] sts). Using main carriage, MT and MC, K 6 rows. Release card and cont in Fair Isle. K 8 rows MC/A, 2 rows MC/B, 2 rows MC/C, 2 rows MC/B, 2 rows MC/C, 2 rows MC/B, 2 rows MC/C and 4 rows MC/B. Remove card.

Insert card 2 and lock on first row (for full width knitting). Cont in st st and MC, K 6 rows. Release card and cont in garter stitch.

Using garter carriage, MT-4 and MC, K 10 rows. These 46 rows form pattern.

by inc 1 st at each end of next and every foll 4th row until there are 140 sts. K 1 row. RC shows 138. Cont in st st and MC. K 12 rows. RC shows 150. Cast off.

Fran Francis.

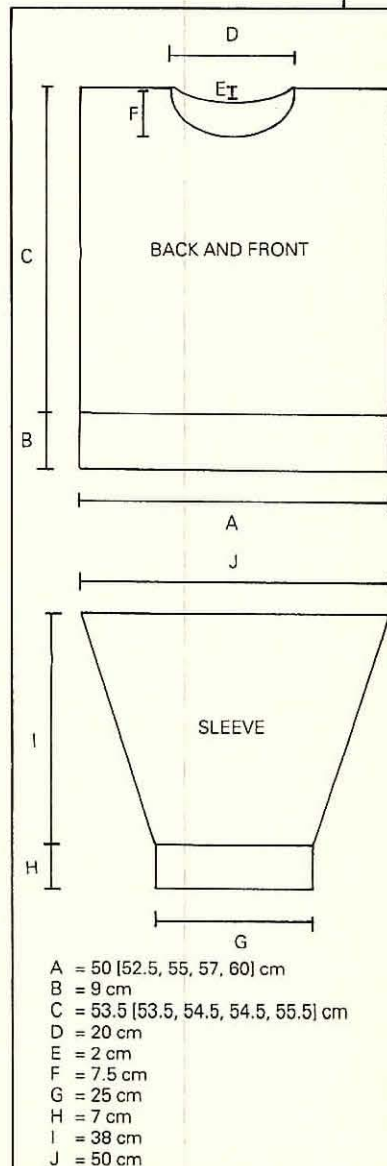
TO JOIN RIGHT SHOULDER

Push 42 [46, 49, 52, 56] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT and MC, K 1 row. Cast off.

NECKBAND

Push 150 Ns to WP. With P side facing, pick up 150 sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT and MC, K 1 row. Transfer sts for 1x1 rib. Using MT-6•/MT-6•, K 24 rows. Transfer sts for st st. Using MT, K 1 row. Using WY,

27►



TEACH-IN

THE RIBBER - PART 9

Many rib fabrics are based on slip stitch and this month we look at one of them - pin tuck.

Ann Kite

As I thought about this article, I realised just how many rib fabrics use this setting, denoted by 'slip' on Silver and Knitmaster, 'part' on Brother and 'empty' on Toyota machines. **Pin tuck**, shadow lace, drive lace (sometimes known as drop stitch), pile and double jacquard are all based on slip. If you have a Silver or Knitmaster chunky or double knit machine, you'll be pleased to know that you can put the main carriage to slip whilst using the ribber (unlike tuck), so you can knit fabrics based on slip.

During the next few months I'll gradually work my way through these fabrics, starting this month with pin tuck. With a name like that you might expect it to be based on tuck, but it is based on slip. The name refers to the ridges (pin tucks as in sewing) formed when the main bed slips and the ribber goes on knitting. When the main bed starts knitting again, the extra rows knitted on the ribber form a pin tuck. The Brother 260 ribber manual refers to this stitch as 'rib skip' pattern. The Brother 850 ribber manual doesn't refer to it at all, though it is possible to knit this stitch on it!

Pin tuck is knitted on a full needle rib setting (also known as close rib, or double rib). That is, the ribber is on half pitch and all the needles are working on both beds. As all the needles are working, you must use a yarn that is fine for your machine - two or three ply for a standard gauge machine and double knit for a chunky. As usual when using a fine yarn, if you have a Silver, Knitmaster or Brother machine, use the close knit bar. Toyota machines don't have one.

We'll start with pin tucks forming horizontal ridges.

These are based on non-selective slip, that is, all the needles on one of the beds slip and you don't use a punchcard.

Using a fine yarn and a full needle rib setting, cast on and knit ten rows of rib. For this fabric I like a stitch size that gives a fairly firm fabric. This usually means a tension of 2/2 to 4/4, depending on the make of machine and yarn you're using.

After knitting ten rows of rib, set the main carriage to slip both ways. That is, on Silver and Knitmaster punchcard machines and Silver 860 and 890 electronics, set the cam lever to S and the side levers forward on 0. On a Knitmaster electronic and Silver 830 and 840 electronics, read

in a blank line of a mylar sheet. To do this, with the inspection light on, line up the card on a blank row, turn off the inspection light and the blank row is scanned. Then turn on the inspection light. Line up the point cams with the edge of the knitting, the N1 cam can go anywhere and read the cams. Now put the cam lever to slip and with the No.1 left-hand light on, all the needles will slip. The inspection light remains on. On Brother, push in both Part buttons but leave the change lever on NL and on Toyota turn the selection dial to the central Empty position and leave the card levers on 0. Now knit four rows. Watch your knitting. You should be able to see that only the ribber needles are knitting. They are knitting the pin tuck. Now set the main carriage to knit both ways and knit ten rows before repeating the pin tuck.

If you have problems with the ribber stitches not knitting properly, try changing the ribber tension a little. Increase the tension if you're knitting at 2/2, decrease it if you knitting at 4/4, or add another weight. Or try knitting a pin tuck by knitting on the main bed while slipping on the ribber. To do this, set the ribber to slip both ways. That is, for Silver and Knitmaster, set levers on 0 and pick knob on ← or on 0 on the chunky and double knit. On Brother use cam levers on PR, tucking lever on R; on Toyota, ET levers on Empty/

tuck, centre lever on Empty. Leave the main carriage set to knit both ways on all machines (that is, set as for stocking stitch). Now knit four rows. You'll find the pin tuck comes out on the opposite side of the fabric. So you have to decide, before launching forth on a garment, which bed you're going to knit the pin tucks on.

Once you've succeeded with a 'four row' pin tuck, try a six row one. That is, knit six rows on the ribber or main bed alone. Machines vary very much in their tolerance to knitting on one bed alone whilst using the ribber and different yarns behave differently. As so often in machine knitting, it's a case of try it and see. I find that increasing the number of weights when you increase the number of rows in the pin tuck helps.

Finally, there's nothing magical about even numbers when knitting pin tucks. You can knit a pin tuck three or five rows long, it doesn't have to be four or six.

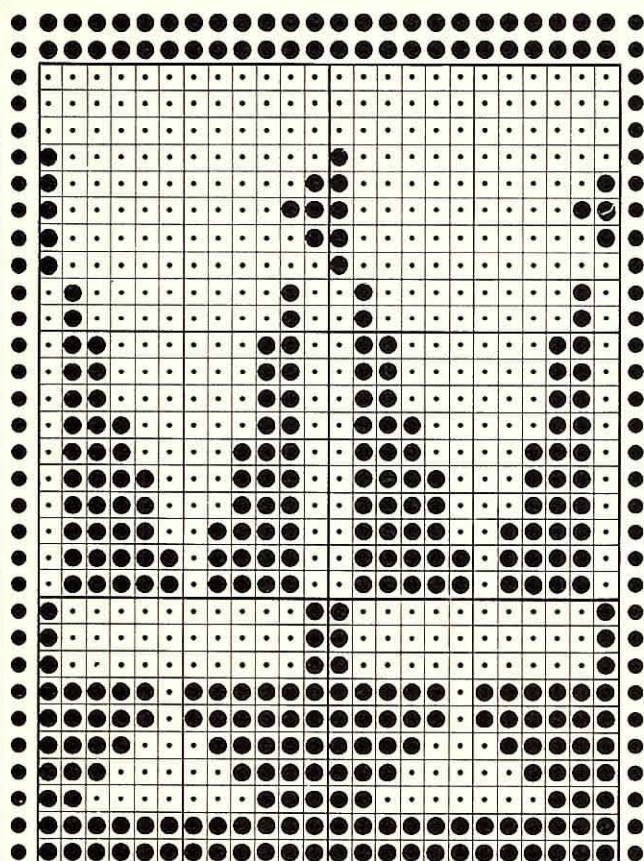
A whole series of pin tucks knitted very close together with only two rows between each pin tuck can be used as a welt or a yoke. You can see the effect at the top of Figure 1. Because you're only knitting two rows at a time on both beds together, you can also knit these 'close together pin tucks' using a thicker yarn, that is four ply on a standard gauge machine, or chunky on a chunky machine. To start with, use the tension that you would use if knitting stocking stitch.

When you remove the knitting from the machine, it may look disappointingly flat. You'll find if you pinch the pin tucks, or thread a knitting needle through the tunnel formed by the pin tuck and pull, they will show more and can then be steamed to set them. Don't pat them flat whilst doing this!

You can also knit a patterned pin tuck as in Figures 2, 4 and 5. The ribber is set for slip with a punchcard or electronic programme. These patterns are knitted on a full needle rib set up, using a yarn that is fine for your machine. The punchcards generally are specially designed ones. Silver and Knitmaster supply some examples in the punchcards that come with the ribber. For the Knitmaster electronics, some examples are given in the basic pack that comes with the 560 electronic.

FIGURE 1
PIN TUCKS KNITTED USING NON SELECTIVE SLIP, THAT IS
WITH A PUNCHCARD OR ELECTRONIC PROGRAM.





PUNCHCARD 1

K a few rows and release from machine.

TO JOIN LEFT SHOULDER

Work as for right shoulder reading left for right.

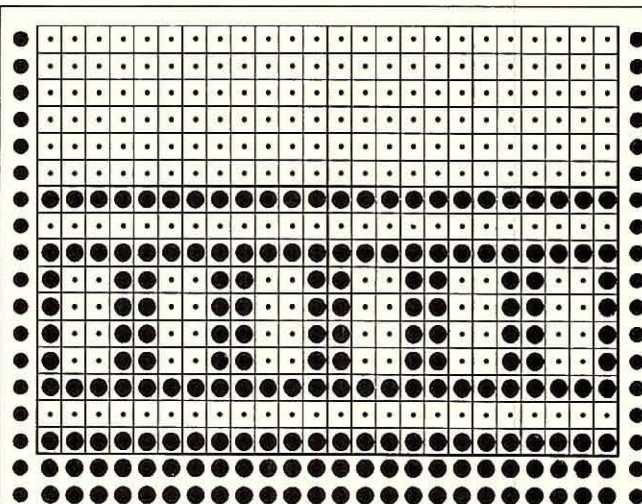
PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully

following instructions on cone band.

MAKING UP

Set in sleeves between markers. Join side, sleeve and neckband seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC.



PUNCHCARD 2



NOW YOU CAN KNIT AT THE FLICK OF A SWITCH
OR THE TAP OF A FOOT WITH THE INCREDIBLE

POWER-KNIT 90



UNIVERSAL MOTOR DRIVE UNIT NOW
FITS BOTH STANDARD GAUGE & CHUNKY
CURRENT MODELS. FOR OLD MODELS
PLEASE CHECK WITH BSK. ONE UNIT
WILL FIT ANY COMBINATION OF BROTHER
– KNITMASTER – TOYOTA IN EITHER
CHUNKY OR STANDARD.

SEE IT AT YOUR DEALERS NOW
OR WRITE TO
B.S.K. LTD,
MURDOCK ROAD, BEDFORD MK41 7LE (TEL 0234 217096)

For Knitmaster 580 and Silver modular electronic owners, the patterns are drawn out in the handbook and need to be copied on to a mylar sheet. These patterns are knitted with the No.1 right-hand light on.

No examples are given for the standard gauge Brother machines, so I've designed a simple example for you (see Figure 3).

Punch out all the squares except the marked ones. For electronic machines, mark the marked squares and have the No. 6 switch up on Brother machines, or the No. 1 right-hand light on for Silver and Knitmaster machines. The pattern is 44 rows long. For punchcards, the last two rows will be completely punched. For electronic programmes, they are left blank. I started by making the pattern 46 rows long, giving four rows between pattern repeats (Figure 2). I then realised that two rows would be better; two rows balances the two blank rows (rows 21 and 22) in the centre of the pattern. Thus do patterns evolve when we design for ourselves.

For the Brother 260 Chunky, the manual suggests card 6P from the basic pack. A diagram for a second punchcard is given in the manual.

Toyota suggest using card No. 4 from the basic pack.

Most cards or mylar sheets from the basic packs that come with the main bed don't work for pin tuck. You want cards where three or more needles side by side slip and which form bands moving sideways usually one or two needles at a time (as in Figure 3) and any one needle shouldn't slip for more than five or maybe six rows. When I realised I would need to design a card for this article, I was rather disconcerted - I don't regard myself as a designer of cards. However, this sort of design has such tight limits that I found I enjoyed working out Figure 3. It is far less complicated than designing Fair Isle. Why not try taking my diagonal band and, instead of taking it right across the card, shorten it and turn it into a diamond.

Knitmaster pattern library No. 1 has some nice examples, including ones where the pin tucks form curves (Figure 4). I also looked through the Brother 'Stitch World' pattern book that

comes with the 950 and 950i machines and found that some of the single bed slip stitch patterns worked if the double length and double width switches were used. Try the simpler patterns in the slip stitch section. Look at the patterns drawn out at the back of the book. Remember the guideline I gave you above for the number of needles that slip and how many rows, if the double width switches are used. With the No. 6 switch down it's blanks that select the needles to slip. I tried pattern No. 352 (Figure 5) and that worked, but patterns No. 341 and 342 for instance, which have areas of alternate squares marked, are not suitable. The 910 basic pack doesn't contain any immediately obvious possibilities for pin tuck.

Finally, some Silver and Knitmaster packs have pin tuck patterns based on rectangles, not diagonals. These can be harder to knit than those based on diagonals, so try the diagonal patterns first, then move on to the rectangles. Patterns based on rectangles are sometimes difficult or even impossible to knit on Brother and Toyota machines. This difficulty arises because the stitches on the needles that are not knitting pull up the knitting on either side of them (a bit like when you have needles in holding position on single bed knitting) and then the needles outside the needles that are slipping don't knit properly. The other mishap that can occur is that the stitches on the needles that are slipping get more and more stretched until they're too tight to knit off. Machines vary in their tolerance to these effects. The patterns based on diagonals or curves minimise both these effects. So, to start with, use a pattern based on a diagonal.

Using a full needle rib set up and a fine yarn, cast on and knit a few rows of rib. Then lock the card on row 1, or program in the pattern on a Brother electronic. With a Knitmaster electronic, with

Pattern is 24 sts wide and 44 rows long. For punchcards, punch out everything except the marked squares. For electronic machines, mark out marked squares.

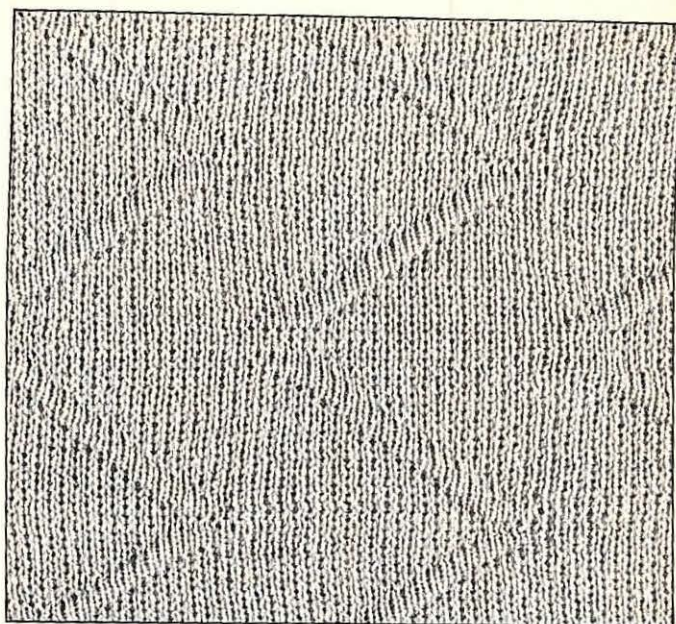
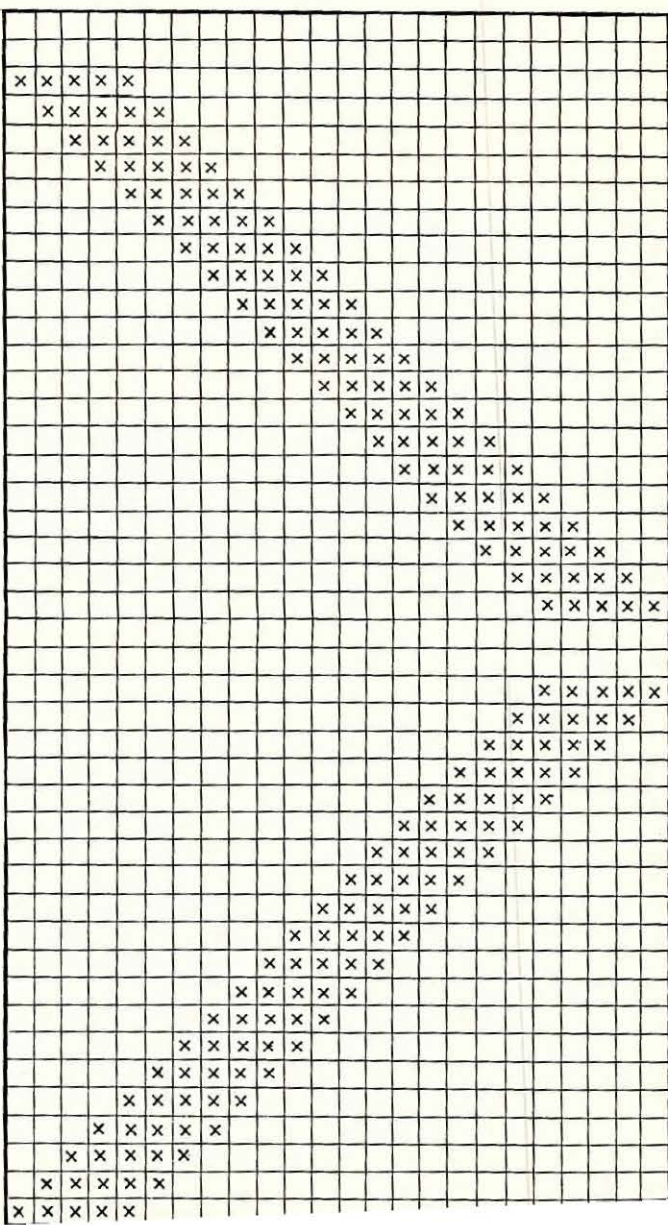


FIGURE 2
PIN TUCK KNITTED USING PATTERN IN FIGURE 3.

FIGURE 3
DIAGRAM FOR PIN TUCK PATTERN



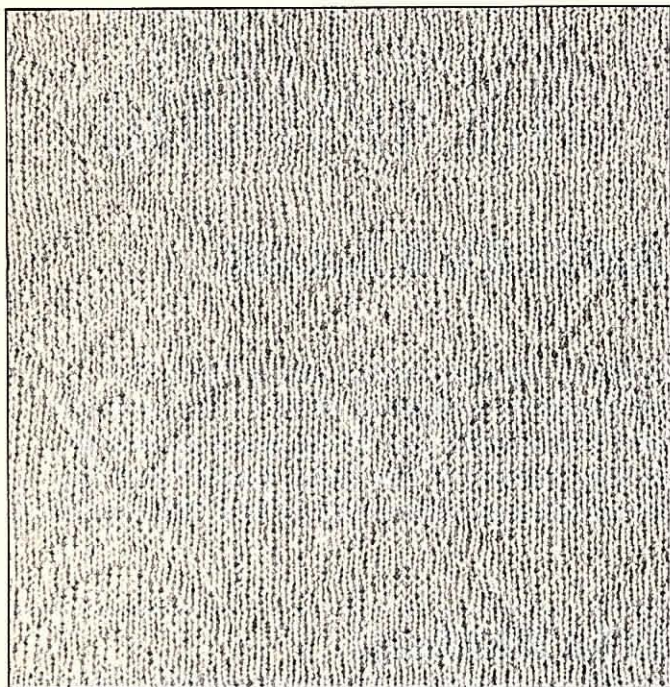


FIGURE 4
PIN TUCK USING PATTERN 36 FROM PAGE 120 OF THE
SILVER REED 'PATTERN LIBRARY'

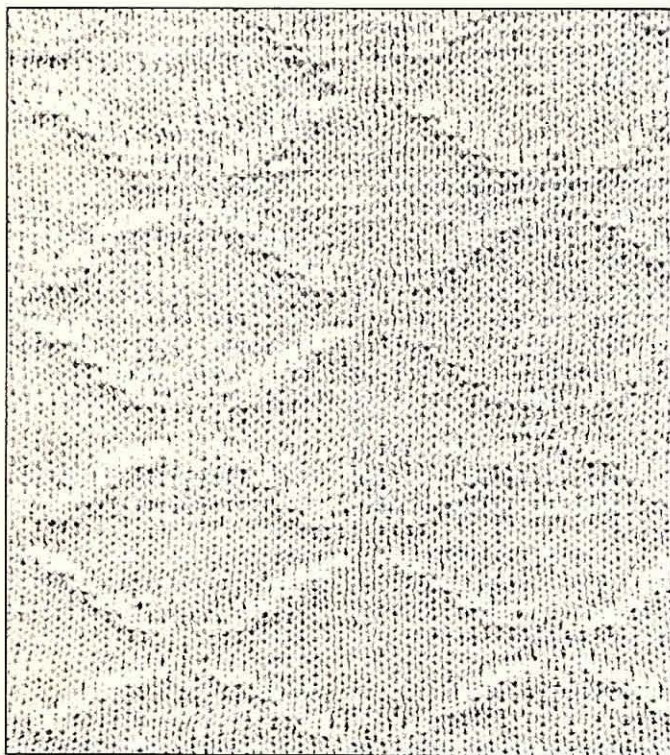


FIGURE 5
PIN TUCK USING PATTERN 352 FROM BROTHER 'STITCH WORLD'

the inspection light on, line up the pattern on row 1 and position the cams. Next, memorise the pattern on a Knitmaster punchcard, read the cams on a Knitmaster electronic, or select the needles on Brother and Toyota machines (carriage settings in Figure 6).

After memorising the pat-

tern, release the card, or turn off the inspection light on Knitmaster electronics and set the main carriage to slip according to the card or mylar sheet. The ribber carriage is set to knit both ways (carriage settings as in Figure 7).

I hope you enjoy trying this stitch. It isn't very well known and is not often used. Most

FIGURE 6 CARRIAGE SETTINGS FOR MEMORY OR SELECTION ROWS SILVER AND KNITMASTER		
MAIN CARRIAGE		
In released position, OR		
cam lever		S
side levers		0
RIBBER		
Set levers		0
Pick knob		↙
Do 2 free passes		
BROTHER		
MAIN CARRIAGE		
Part buttons		IN
Change knob		NL
RIBBER		
Cam levers		PR
Tucking lever		R
Do 1 free pass, then set change knob to KC and do a second free pass		
TOYOTA		
MAIN CARRIAGE		
Selection dial		Empty
Card levers		0
RIBBER		
ET levers		ET
Central lever		Empty
Do 1 free pass, then change card levers to C and do a second free pass		

FIGURE 7 CARRIAGE SETTINGS FOR PIN TUCK WHEN USING A PUNCHCARD OR ELECTRONIC PROGRAM SILVER AND KNITMASTER		
MAIN CARRIAGE		
Cam lever		Slip
Side levers (where appropriate)		▽
RIBBER CARRIAGE		
Set levers		1
Pick knob		↙
Autoset lever (SRP60N)		1
BROTHER		
MAIN CARRIAGE		
Part buttons		In
Change knob		KC
RIBBER CARRIAGE		
Cam levers		N
Tucking lever		R
Change knobs (850)		I
TOYOTA		
MAIN CARRIAGE		
Selection lever or dial		Empty
Card levers		C
RIBBER CARRIAGE		
ET levers		Plain
Centre lever		Empty
Simulknit levers		0

knitters on my ribber courses find it interesting. I think it would be suitable for a jacket, as it's a firm stitch and should retain its shape.

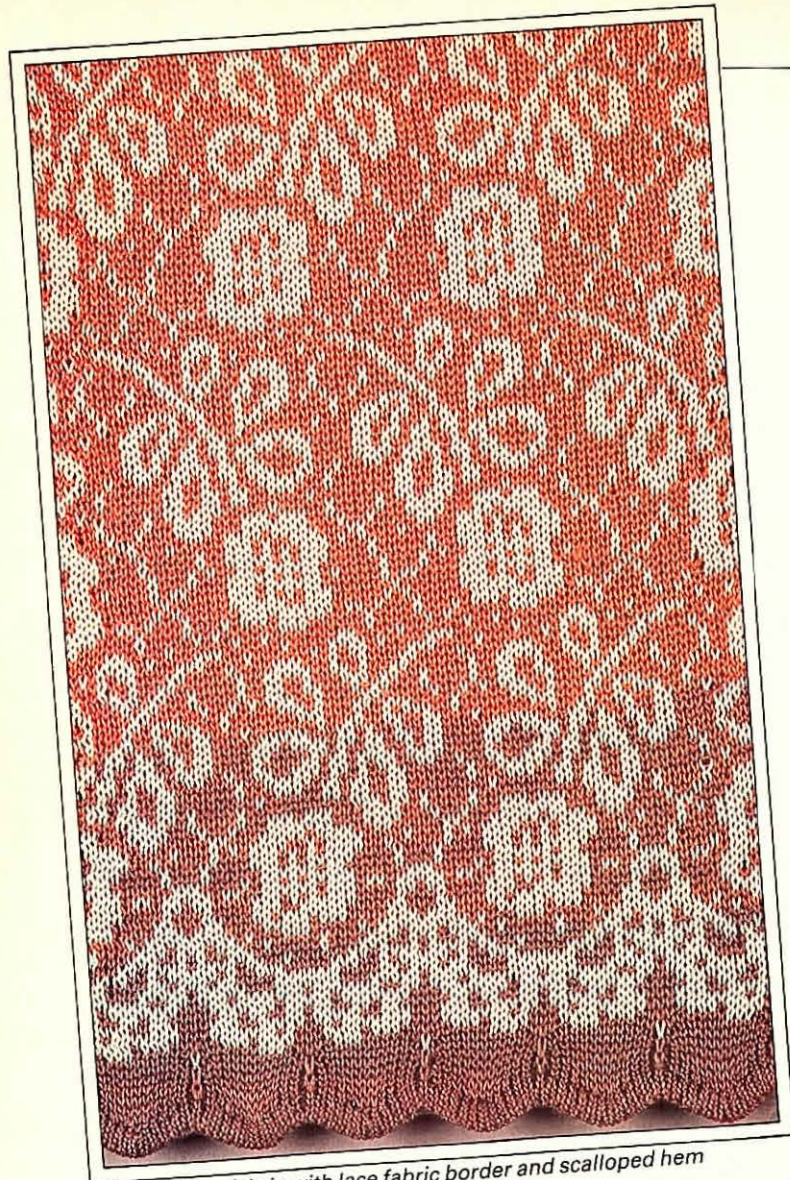
There will be no Teach-In next month as I'm having a holiday, but I'll be back in August with more rib fabrics based on slip stitch.

INSPIRATIONS

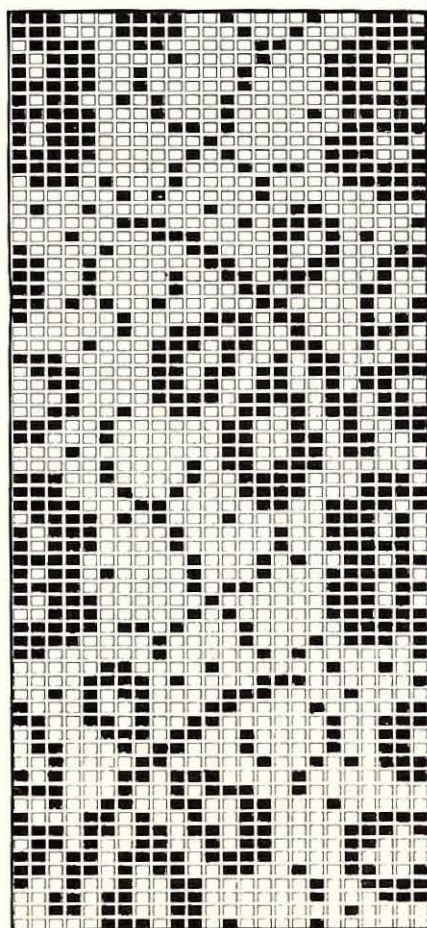
ANTIQUE LACE

In May, my inspiration came from the embroidery samplers of the 17th century and this month my designs are based on lace samplers of the same period and the decorative Honiton lace of the 18th century.

Iris Bishop



Lace fabric with lace fabric border and scalloped hem



LACE
FABRIC

Both the floral motif lace fabric and the sampler border design are knitted in straightforward Fair Isle yet they maintain a light lacy look that is ideal for summer yarns and garments.

YARNS AND COLOURS

I like to use white or cream cotton for the motif area of the lace fabric and also for the background to the lace sampler border pattern to enhance the lace aspect of the designs. For a most striking effect use black as the contrast colour, or if you prefer a more subtle effect, use any interesting 'neutral' colour such as terracotta, grey or mink.

I have used a darker shade for the welt and bottom of the lace fabric to accentuate the border pattern, grading into the main background colour. To grade the colours, use two strands of two-ply yarn instead of a four-ply yarn. This enables you to use one strand of each colour (threaded together) to create the 'in-between' shade to blend your two main colours.

LACE FABRIC AND BORDER

To knit the scalloped edge illustrated, knit as follows: Using grey (or other chosen colour) first knit a four-row hem. Cast on with waste yarn, knit 4 rows at main tension, 1 row at tension 9, 4 rows at main tension and pick up first

row of main yarn. Then bring forward every 12th needle to holding position. Knit 8 rows. Knit 1 row over all needles. Pin scallops to shape and press when knitting is complete. Commence 'lace fabric border' and knit 27 rows Fair Isle with grey in feeder 1 and white in feeder 2.

Immediately knit 'lace fabric' card as a continuous pattern, with grey in feeder 1 and white in feeder 2. (If necessary, memorise the first row of the fabric card before continuing in Fair Isle so there are no plain rows between border and fabric patterns.)

LACE SAMPLER BORDER

Knit the welts and so on in white.

Knit the border in Fair Isle with white in feeder 1 throughout and the following colours in feeder 2:

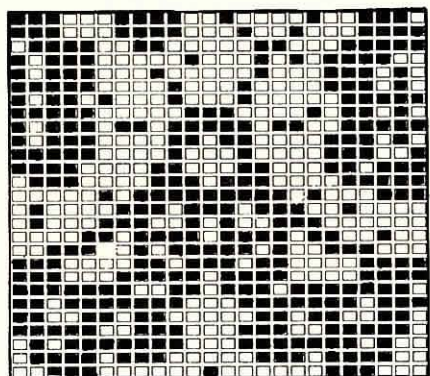
Rows 1-2 = blue
Rows 3-23 = grey
Rows 24-25 = blue

Continue in plain white or knit four plain rows, then repeat border, reversing the direction of the motif as illustrated.

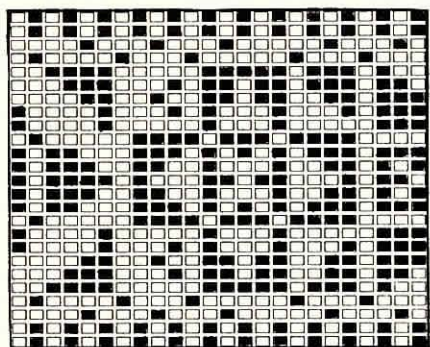
FRINGE

To make the fringed border, knit a six-row hem in 3x1 mock rib, using white cotton. When complete, make a tassel using five strands of cotton threaded into every fourth stitch of the mock rib, that is where the needles were out of working position.

THROUGH THE AGES



LACE FABRIC BORDER



LACE SAMPLER BORDER



Lace sampler border repeated in reverse and fringed hem



Onis Bishop.

YEOMAN YARNS

'CLASSIC SUMMER COTTONS'

PANAMA
(Very popular washable
cotton/acrylic blend)

4 PLY EASY KNIT IN 24
MACHINE WASHABLE
SHADES.

BRITTANY
(100% cotton
machine washable)

SOFT 2 PLY COTTON IN 55
SHADES, IDEAL FOR
JACQUARD AND FAIR ISLE,
USE 2 ENDS FOR 4 PLY.

CANNELE
(Fine corded
French cotton)

4 PLY MERCERISED COTTON
IN 42 SHADES, IDEAL
FOR ALL THE 'FAMILY
KNITTING'.

PERLE
(Soft mercerised
100% cotton)

3 PLY 100% MERCERISED
SOFT COTTON IN 23 SHADES.

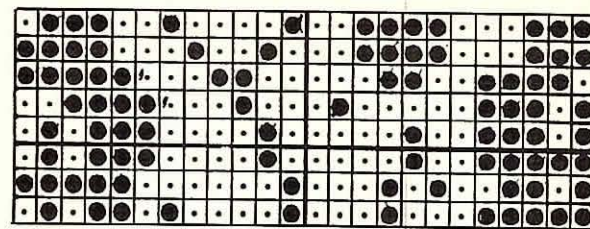
ATOLL
(Soft DK
mercerised cotton)

OUR LATEST DOUBLE KNIT
100% COTTON FOR THE
CHUNKY MACHINE.

All available extensively throughout the UK at your
local stockist or write for our mail order catalogue,
price £2.95 or telephone with credit card to:-

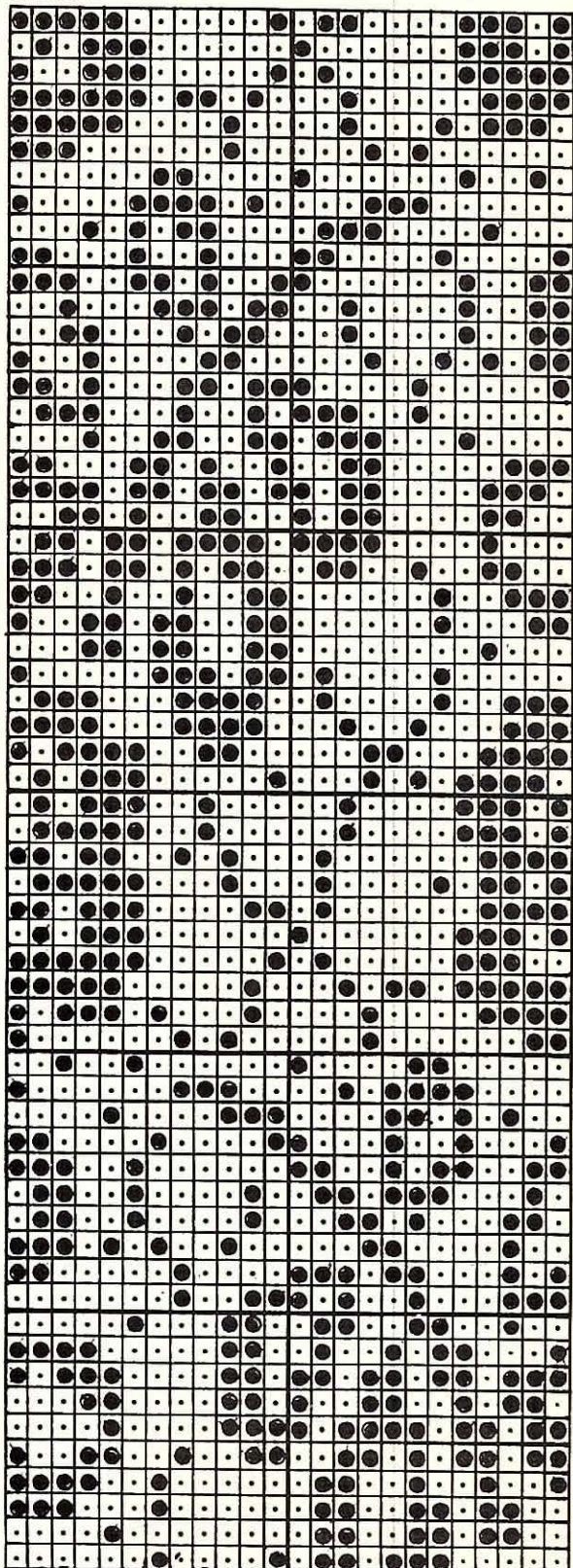
YEOMAN YARNS LTD
36 CHURCHILL WAY
FLECKNEY, LEICS LE8 0UD
Tel: 0533 404464 Fax: 0533 402522
"In USA - Call 1-800-Yarn Ups"

CARD B



Join top of Card A to bottom of Card B so that design is continuous

CARD A



LACE FABRIC



Books by



Angela N. Gordon

*The
Machine
Knitting
Tutor*

Master your single
bed machine in 22
easy to understand
lessons

£9.95

Tutor's - send s.a.e. for details of
Lesson Plans

*Machine Knitters
Super Tips
Plus*

Get the most from
your machine with
over 400 tried and
tested tips

£7.95

(UK post free)

Cheque/P.O. to...

COMPACT SERVICES



29 St Helens Road • Sandford • Wareham • Dorset BH20 7AX

VISA

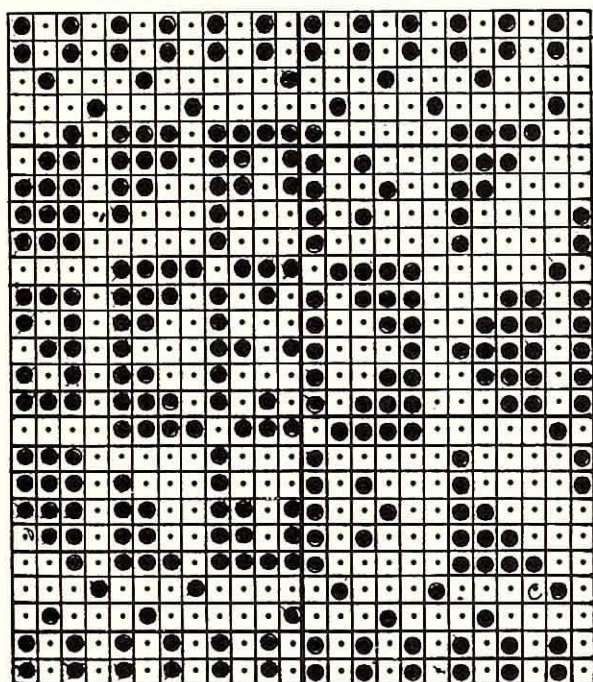


(0929) 551073

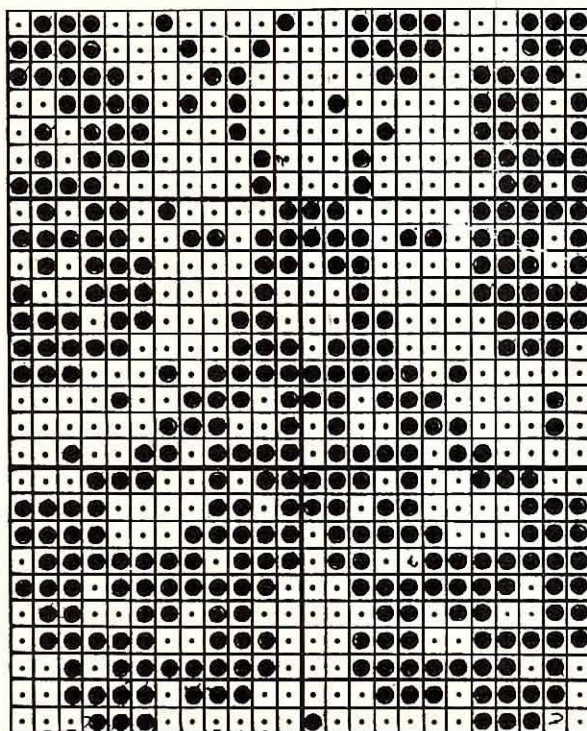
MasterCard

USA: Knitting Machine Centre • 5442 Cannas Drive • Cincinnati • Ohio 45238

ANTIQUE LACE



LACE SAMPLER BORDER



LACE FABRIC BORDER

the fair-isle
BORDERS and YOKES
collection

Over 30 original designs illustrated with colour and black & white photographs. PLUS – a simplified method of knitting circular yokes, including sweater pattern. PLUS – lots of design ideas. – for 24 st punchcard and electronic machines – £3.95 inc. P&P

FAIR-ISLE BOOK £2.95

More than 20 designs illustrated in colour (and black and white) PLUS a basic sweater pattern for all ages from babies to teenagers – for 24 st punchcard and electronic machines.

Set 3 – Animals – sheep, zebras, cat, kitten and puppy. (24 and 40 stitch) *£1.50

Set 6 – Braids, edgings and collars – 21 decorative techniques for single bed machines. *£1.50

Set 5 – Lace fabrics – 6 unusual designs for machines with a lace carriage (24 st) *£1.50

Set 7 – Fair-isle (adult) – 7 designs with short 'floats' and colour ideas. (24 stitch) *£2.00

IRIS BISHOP

PRICES INCLUDE POSTAGE AND PACKING
Please send orders, or SAE for more details to:-
64 Ifield Road, West Green, Crawley West Sussex RH11 7BQ
U.S.A.: The Knitting Machine Centre, P.O. Box 150145, Cincinnati, Ohio 45215.



BIRDS
5 INTARSIA DESIGNS – kingfishers, swallows, ducks, barn owl and tawny owl – PLUS – hints and tips on intarsia knitting £2.00 inc. P&P

CATS
5 INTARSIA DESIGNS – siamese twins, persian playmates, kitten, snow leopard and tabby £2.00 inc. P&P – illustrated in colour

Turn your oddments into original TOYS AND ORNAMENTS with ORNAMENTAL WOOLCRAFT PATTERNS by Jane Platt



● **FOR MACHINES**
Opposite CATS from
CAT, OWL, MONSTER
(30cm) £2.00 post paid.
*All machine knitting
patterns knitted quickly
and simply in straight
pieces. No need to cut
knitting.*



● **FOR HAND KNITTING**
Opposite SUMMER SCENE from
PICTURE PAIR (14x18cm)
also NIGHT SCENE £1.75 post
paid.
*All patterns colour illustrated.
Children, charities and adults
will love them and so will you.*
NEW RANGE OUT NOW!

Send 50p in coins or 2x1st class stamps for
colour brochure and pattern offers to:

**KNIT-KNACKS (MKM), 16 Springfield Road,
Binfield, Berks RG12 8TW**

20110

CLUBLINE DIRECTORY

To: The Editor, Machine Knitting Monthly,
3 Bridge Avenue, Maidenhead,
Berkshire SL6 1RR

Please enter our Club in the Clubline Directory

☐

Please change our Club's entry to the following

☐

Organiser's name

Organiser's telephone number

Name of club

Organiser's postal address

Town

County Postcode

Full address of club meetings

Town

County Postcode

Monthly date(s) of meetings

Time of meetings

*Please include only one entry on this form and print the details
on plain paper if you prefer not to cut your magazine.*

12114

DEAR ANNE...

**Don't keep your ideas, suggestions,
experiences, criticism or praise to yourself.
Share your thoughts with other readers by
writing to Anne at Machine Knitting
Monthly, 3 Bridge Avenue, Maidenhead,
Berkshire SL6 1RR.**

Dear Anne,
I have a couple of tips for
owners of the Singer
Freestyle and other electron-
ics which use the plastic light-
scanned sheets. I recently
needed to erase some mis-
takes I had made on the plas-
tic sheets provided with the
machine. Other methods not
being wholly satisfactory, my
thoughts turned to using the
surgical spirit that I had just
bought for a foot complaint.
With nothing to lose except
my patience, I tried it and it
worked like a charm. A quick
rub with the spirit, then a
warm, soapy wash and rinse -
in just five seconds it was
clean.

My other idea was to use
little plastic or paper stickers
(the type you can buy at any
good stationers) to mark out
designs on both the plastic
and paper sheets. These are a
lot cheaper than Letraset and
easier to use than pen only. I
successfully made a jumper
using a sheet which I had
marked with music symbols
cut from large, dark green
stickers, inked over with one
coat of the pen to ensure per-
fect coverage. Then, with let-
ters I managed to buy in black,
wrote DOH, RAY, ME, FAH,
SOH, LAH, TEE, DOH, plus
the word MUSIC. The com-
pleted sheet worked perfectly
and saved having to go over
the drawings several times in
ink!

Yours sincerely,
Iris Atkinson
Bentley, Doncaster

Dear Anne,
Like many other MKM readers
I use mattress stitch for join-
ing pieces of knitting neatly.
However, I have often read
that it cannot be used on
sleeves. I have always used it
on sleeves and the results are
excellent.

My method is to work nor-
mally up to the increase or

decrease, depending on
which direction I am working
in, then all I do is to switch to
the next available 'channel' of
stitching and continue as
normal to the next increase or
decrease and repeat.

May I take this opportunity
to warn knitters, especially
those new to machine knit-
ting, to dispose carefully of
the punched-out discs result-
ing from punching cards. In
particular, do not use them as
confetti or let children get hold
of them because, if one of
these discs should stick to the
eyeball, urgent professional
medical attention is required
to remove it.

Also, whilst on the subject
of safety, it must be remem-
bered that machine needles
left in 'E' or holding position
(D' position on Silver Reed)
are at the eye level of young
children. Care must therefore
be taken if they are around.
Anyone lucky enough to have
a 'knitting room' (I am one of
these fortunate people) would
be well advised to have a lock
fitted to prevent the danger of
youngsters wandering in, as
well as the risk to an expen-
sive piece of equipment.

Eyesight is so precious that
I make no apology for high-
lighting these hazards.

Yours sincerely,
Gloria Ponder
Cannock, Staffordshire

Dear Anne,
I thought my little tip would
help someone along if they
should have the unfortunate
mishap that happened to me.

I needed to move the ribber
bed to the left, so very carefull-
ly I undid those little screws
on the left of the ribber, a thing
that I have done many times
without mishap. This time dis-
aster struck, I unscrewed too
far. In dismay I telephoned the
local shop for help and was
told the engineer would be
in next week, they also



STAR LETTER



Dear Anne,

Having enjoyed your page and learned a lot of very useful tips sent in by your readers, I thought I'd pluck up courage and write to tell you about the car seat covers I've knitted for our Metro, on my Knitmaster 326.

They are knitted in yarn bought from the bargain box as I was not sure how they would turn out and are knitted with a matching thread to give strength and prevent stretching. I enclose a photo for you to see how they look and fit.

The covers have a black border of four inches all round. This can be varied according to taste.

Anyone who wants to make them should begin by making a swatch, then start taking measurements. Beginning at the bottom, measure the length of the back to the centre at the top, then down the front to the seat, then along the seat to the border. Next, measure the width across the back, across the front (back rest), then across the seat, border to border.

The borders have a good hem through which tape or elastic can be run. They also have tapes attached so the covers can be securely tied to prevent 'bunching' and sagging or stretching.

They have been washed a number of times and, as you see, don't look too bad. They are not tucked in or pulled, just fitted.

When you have determined the number of rows and stitches required, remembering the border, start at the bottom at the back with contrast and knit the border, then change to Fair Isle pattern and knit to the top. Knit two rows contrast and change the punchcard over – that is, top to bottom – so that the pattern will be the right way up. Continue down the front to the seat, knit two rows of contrast and continue along the seat to the measured point where the border starts. Change to contrast and knit the number of rows required.

To knit the side borders, I picked up the stitches and knitted, but they can be knit-



ted separately and sewn on if you find that way easier.

They do not take long to knit and are quite simple to make.

I hope someone will find them useful. They are 'different' and I do not find it hard to find the car in the car park with the odd-looking covers!

Thank you for a very informative book and such useful patterns and ideas.

Yours sincerely,
Mavis Rigby
Great Barr, Birmingham

Well Mavis, we think your covers are a wonderful way of 'customising' a car and a really good idea for covering worn seats for those of us who are not driving the latest model. Thank you for explaining how they were made. Your idea wins £5 plus a free subscription for writing this month's Star Letter.

explained what had happened. The tiny plate that held the screws had fallen down.

Well, I thought I'd better clean the ribber up and take it to the shop. After the cleaning it lay flat on the kitchen table and I had a brilliant idea. I got a long thin screw from my husband's tool kit and fished around with it, the plate came up so easily that I wondered why I had been so worried.

Keep up the good work. I love the magazine.

Yours sincerely,
Vickie Richardson
Ashley Down, Bristol

Dear Anne,

It is with pleasure that I enclose my cheque to renew my subscription to Machine Knitting Monthly, which I still enjoy after many years. I particularly like the new layout of your contents page. The 'Art of Pressing' by Trisha Whitfield is more than worth the cost of the magazine in itself.

My reason for writing is to let you know that the fashion show 'Changing Seasons' put on by the East Grinstead

Machine Knitting Club was a great success – in spite of a downpour just before the show was due to start. The garments ranged from swim wear – strictly for fun – to a wedding gown, both of which were made especially for the show.

Each of the seasons ended with a tableau – Spring – the wedding party; Summer – a beach scene; Autumn – a bonfire and Winter – the arrival of Santa Claus in designer knitwear.

Although members put a great deal of work into the show, it was considered to have been worth every minute and in the end we were able to present St Catherine's Hospice with a cheque for £500.

Yours sincerely,
Billy Bond
Forest Row, East Sussex

Dear Anne,

The Carterton Knitting Club which I used to attend before moving away from the area, recently came under a bit of criticism from an older member.

Well, I would just like to say a big 'thank you' to all involved with the club, especially Judy Sade, Doreen, Peggy and my friend, Elaine.

Until moving to Scotland I hadn't realised just how much I had learned from the club.

Without the help and encouragement of my friends there, I would probably still be 'struggling'.

So, thank you.
Yours sincerely,
Janet Docherty
Dumbarton, Scotland

Dear Anne,

After trying various ways to eliminate wavy edges on 1x1 ribs, I've found the following method works best for me:-

1. Carriage at right. Cast on, insert comb and weights. Change to circular knitting for two rows to complete cast on.

2. Carriage at left. Take nylon cord and insert on left-hand side between beds in front of cast-on comb. Take cord to right-hand side over stitches down between beds at back of comb. Hold both ends of cord under machine

with one hand, whilst the other hand pushes front bed needles first, to C position (with P carriage for Silver Reed). Then place back bed needles in C position, release cord. You will see that the cord is safely encased under the needles.

3. Complete rib. Leave nylon cord in work until garment is finished. 'Gather' cord whilst pulling rib downwards, then pull cord out.

You will notice that by pushing the needles to C position for the first rib row, the carriage moves a little easier, saving a bit of strain on the arm muscles.

I do enjoy your articles. They give me the stimulus to carry on knitting, despite the summer heat!

Yours sincerely,
Mavis Smith
Fontainebleau, South Africa

We pay £5 for every letter we publish, provided it has not already been accepted or published elsewhere, plus a year's subscription to the magazine for a Star Letter.

A PEARL OF A SYSTEM FROM SILVER

And our low prices add up to a golden opportunity to boost dramatically both the speed and variety of your knitting projects.

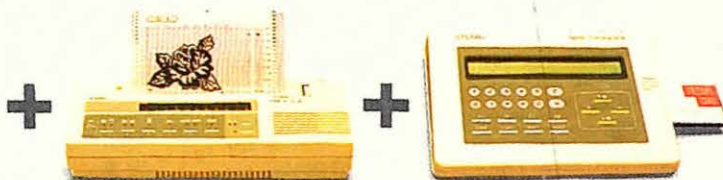
The Silver Modular Electronic Knitting System is based on four easy-to-change and whisper-quiet beds of the highest quality. So you'll be able to set just the right gauge and tension for any yarn - and each gives you a wide range of stitch options at the touch of a single lever. Attachments permit even greater stitch and pattern variety. And as the beds and attachments are each sold separately, you buy only as you need to.

The Silver EC1 Pattern Controller gives you great flexibility.

Just one is needed for all four beds. Use any of the 50 pre-printed designs - or draw your own on easy-to-use pattern cards. Cards and books from previous models are also compatible. Additionally, you can vary your patterns at the touch of a button: from doubling the height to changing single bed patterns into Double Jacquard designs and more.

And the second Stitch Width Indicator lets you select any part of a pattern to create extra designs - with no programming required.

Silver EC1 Pattern Controller



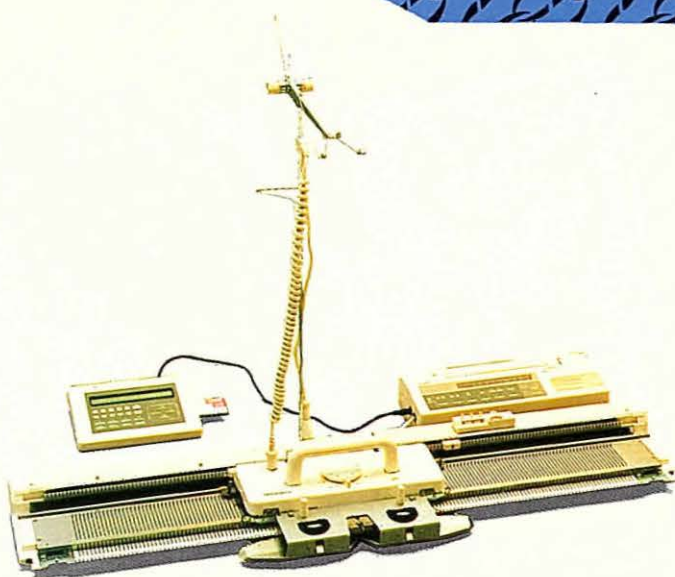
Silver PE1 Design Controller

The Silver PE1 Design Controller means big is beautiful.

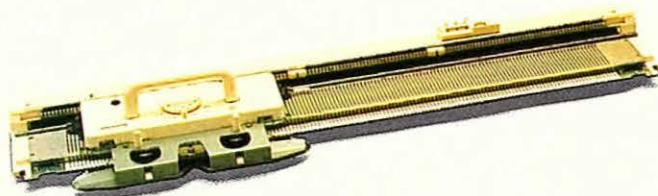
No longer will it be a problem to expand your designs: add this option to your system and you can increase your patterns from 60 stitches to the full width of the bed, control complicated 3 colour slip patterns with ease, and create non-repeating patterns of up to 220,000 stitches. When you've finished, you can store your patterns on the memory card - and you can also choose a pattern from one of the optional pre-programmed memory card sets.

With the new Silver Modular Electronic Knitting System, the only thing built in is choice - and learning to use it takes no time at all.

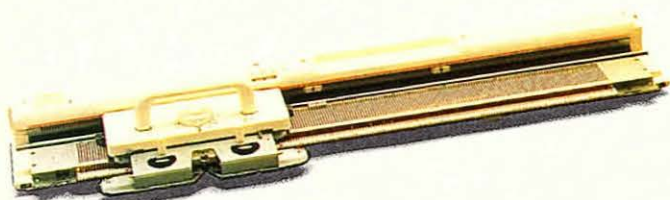
Silver. Putting you in control.



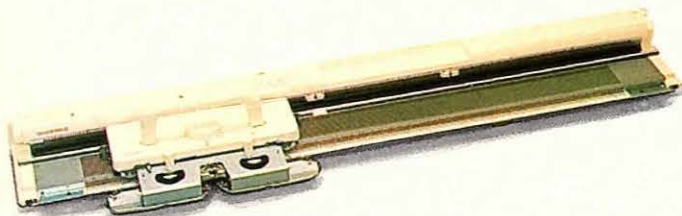
SK 890 *Chunky gauge*
Knits Mohair, Aran, Chunky



SK 860 *Double Knitting gauge*
Knits 4 ply, DK, Aran, Mohair



SK 840 *Standard gauge*
Knits 2 ply, 3 ply, 4 ply



SK 830 *Fine gauge*
Knits 1 ply, 2 ply, 3 ply

For a free demonstration visit your local Dealer NOW

For a brochure:

Send a 9"x12" stamped addressed envelope to:

Silver Knitting Machines Ltd., Unit 1, 10 Wandle Way, Willow Lane Trading Estate, Mitcham, Surrey CR4 4TE.

SILVER SCENE

'What tension should I knit this at?', asked a knitter, thrusting a cone of yarn at me. The quick (and totally unhelpful) answer to that is 'I don't know'. Let me explain just why.

Liz Norton

There are so many different yarns, in different fibre and fibre mixes, different plys, different textures and different colours, that it is impossible for anyone to know exactly what tension they all knit at. Even if I knitted the particular yarn that the knitter is asking about only last week, I still only know the tension I knitted it at, on my machine, to give an effect I liked, for the garment I was knitting.

Silver now has four gauges of machine: fine, standard, double knit and chunky. Most knitters probably start with a standard gauge machine, but I expect many, once they've been bitten by the 'bug', will be buying a second machine of a different gauge to their original; and even experienced knitters will be wondering what yarns they can knit and at what tension.

As a new knitter, or as an experienced knitter with a machine that is new to you, you need a plan of action to familiarise yourself with the yarns your machine will knit and the tensions you will knit them at.

Start with a smooth acrylic or wool yarn, in the middle of the range that your machine will knit. That's three-ply for fine gauge; four-ply for standard gauge; double knit for double knit gauge; and Aran for chunky gauge.

Cast on and knit 30 or 40 rows at tensions 4, 5, 6 and 7. Notice how it feels as you knit. Is it hard work, or easy? The looser the tension (that is the higher the number on the tension dial) the easier it will be to knit. Get used to the feel. Remove the knitting from the machine. Steam (acrylic) or steam press (wool) your swatch and then examine each section. See which you

prefer. For a smooth wool yarn, I tend to prefer a firm (tighter) fabric – though by firm I don't mean board-like! Many knitters these days though prefer a looser fabric. For this exercise we are looking at the swatch in isolation and of course in practice the garment style has to be taken into consideration as well. However, I find knitters often need to practise making decisions for themselves, so imagine you're about to make a stocking stitch sweater and make your choice.

You need to do this exercise for every yarn you want to knit. Doing it with every yarn you can lay your hands on is also a good way of getting to know your machine and how it knits.

Having established the sort of tension at which you like to knit a smooth yarn from the middle of your machine's range, you can use that as a guide when deciding what range of tensions to use when trying other yarns. As well as the thickness of the yarn, other factors have to be taken into consideration.

COLOUR

Darker yarns knit up tighter at any given tension setting than light coloured yarns of the same type. Often when I'm teaching I notice a look of scepticism when I say this. If you too are sceptical, take some dark yarn and some light yarn in the same brand and type, knit them and see and feel the difference!

ELASTICITY

Dyes affect the elasticity of the yarn, which is why the darker yarns knit up tighter

than light yarns at any given tension setting. Other factors affect elasticity too, notably the fibre content. Cotton and nylon are less elastic than wool. A small percentage of nylon is often included to give a yarn strength, that is, to stop the yarn breaking too easily. These mixes have an elasticity approximating to wool, but a higher percentage of nylon can reduce the elasticity. If you're not sure whether the yarn is elastic or not, try breaking it. If it nearly amputates your finger, then it's not elastic! If it breaks very easily, then again it is not elastic. Non-elastic yarns often need knitting at a looser tension (larger number) than elastic yarns of the same ply, though it depends on what tension you normally knit your 'standard' yarn at. If you normally knit at a fairly loose setting, then you may not need to change it. If, like me, you normally knit at a tension setting that gives a firm fabric, you may find non-elastic yarns hard to knit at this tension. The yarns that don't break may not stretch enough to go easily over the needle, the soft yarns that break easily may do just that, break. Let your machine and yarn guide you.

TEXTURE

Textured yarns are often knitted more loosely (than a comparable smooth yarn) to allow the texture to show to the full effect. Often the purl side of the fabric is used as the right side, for the same reason. Mohair yarn can be deceptive when it comes to choosing the tension. You look at the yarn and the actual thread seems to be very fine and you might think it requires a tighter tension. However, it requires a looser tension for the mohair to be shown to its full advantage.

THE STITCH

Different stitches are constructed in different ways and therefore affect the feel of the fabric. When knitting lace, the stitches have to be loose enough to transfer properly. Elasticity affects this as well.

There are some pitfalls for the unwary when trying different yarns, or discussing tensions with other knitters.

Yarns that are oiled (Shetlands and some lambswools for example) feel very open and stringy until they've been washed, so you can't tell what tension you want to knit them at until you've washed your trial swatch.

Other yarns such as Hobby (a great favourite of skirt, dress and suit knitters) change dramatically when steam pressed.

The make of machine affects the tension setting. So if the knitter sitting next to you at the knitting club swears by knitting yarn 'X' at tension 6 and you want to benefit from her experience, find out first what machine she has.

THE KNITTER

Finally, the knitter can also affect the tension. If you knit very quickly, your result may be a firmer fabric than someone's who is using the same tension setting and knitting more slowly. I was once asked for help by a knitter who thought there was something wrong with her machine. All her knitting came out shorter on one edge than on the other. When I saw her knit, I could see she had a very irregular jerky knitting action. Once she learnt to knit with a regular smooth action, the problem was solved.

So again, if you and your knitting friend knit in very different ways, your results may be very different.

Knitting action can also affect our knitting in other ways. Normally the tension swatch we knit has far fewer stitches than is used for an average adult garment. This makes it very easy to 'whiz' through the tension swatch very quickly, knitting each row more quickly than we will when knitting the finished garment. As a result, the garment may not come out to the size expected.

This brings me to tension swatches and the green, yellow and blue rulers. Many knitters have problems understanding these rulers, but they are really very simple to use. The green ruler is used with standard and fine gauge machines (there is now a bright green ruler which is suitable for both these gauges), the yellow ruler with double knit machines and the blue ruler with chunky

LATCH ON

BANDS AND BUTTONHOLES

From chatting to knitters recently I discovered that there seems to be a 'hang up' about making buttonholes. Here are a few ideas.

Joan Lafferty

I was having coffee with an ex-student when she showed me a pretty little cardigan she had knitted for her granddaughter. 'I'm going to knit the bands by hand' she explained. 'Why?' I asked. 'Because I can't get the buttonholes right' she said. It was a 'V' necked cardigan she had made, so obviously the top buttonhole must come at the start of the slope. When I am making this type of cardigan I mark the stitch where I make the first decreasing. Since I have a ribber I do a 'one plain, one purl' band. I used to do bands in full needle rib, but I found it more fiddly to do buttonholes and the band can be a bit tight.

I have a lacy summer cardigan which must be at least ten years old. I put a full needle rib band on this, which is not particularly comfortable at the back of the neck. That is why it has lasted so long, I seldom wear it! For a child's cardigan I do a test piece over thirteen stitches; seven on the back bed and six on the ribber. (For adults I make my band fifteen stitches wide.) To make the working of buttonholes easier I always have four stitches to the right of '0' and three to the left for a child, (four to the left and four to the right for adults). I have found that it is better to use tensions one whole number higher than for the welts. So if it is 3/3 for the welt, I use 4/4 for the band. This gives a more 'fluid' band to attach and also the buttonholes are slightly bigger.

If I am making a child's cardigan I knit one hundred rows, if it is for an adult I do one hundred and fifty or two hundred rows, then take off

on waste yarn. I can hear someone saying 'What a waste of yarn'. But it isn't wasted, you can always unpick it, steam it and use it again if you need to. However, I must confess I cheat a little here. I have several lengths stored away, so that if I am using yarn from the same manufacturer I can use my test piece, irrespective of colour. No, let me correct that a little; since shades influence tension, I use a pale sample for pastel yarns but a deep one for the darker shades.

THE BUTTONHOLES

Having sewn up the garment, I either pin or tack my test piece to the button side of the garment. Then, using long coloured-headed pins, I mark the top and bottom buttonholes. For a 'V' neck cardigan I use five buttons, so having marked top and bottom I fold the band in half and mark the middle one. If possible I fold again to get the other two places. If not - well 'guess-work's best if it comes right'. I make sure it does 'come right' by counting the number of rows between the pins, adjusting them as necessary. I leave this band in place, pins and all, until I have knitted the necessary number of rows for the band in the garment yarn. In fact I usually knit more than I think I shall need (experience helps here); it is easier to unravel ten or so rows than to pick the band up again and knit a few more.

To make the buttonholes I take the stitch to the right of '0' and place it on the ribber

needle below and to the right. Then I take the ribber stitch to the left of the one holding two stitches and put it on the needle to the left of '0' on the main bed. Of course, I am talking of the needle in working position, to be absolutely accurate this needle is the second from '0'. Then I knit the number of rows calculated and make another buttonhole and so on.

THE BUTTONS

A hint here - don't buy the buttons first, you may have trouble making your hole the right size. When you have completed the band (and before you sew it on) take it to your friendly button shop and try the size as well as the colour. The assistants will get used to 'that mad lady who tries out all the buttons in the shop'. If they don't - try another shop. I used to do this exercise in the middle of Woolworth's store, but nobody took any notice! Bands for button-to-the-neck cardigans are done in a similar way, in fact they are easier, because there is no 'slope' to contend with.

V NECK BANDS

The next type of band is for a 'V' neck pullover. Here I must admit that my method is frowned upon by a lot of machine knitters, but it suits me and would certainly suit my colleague who was prepared to hand-knit her bands. I take the garment, fold it in half from the 'V' to the middle of the back neck and hold it to the machine to estimate the number of stitches required. I then cast on this number (on either side of '0') in 1x1 rib and knit two rows. Then I decrease one stitch on each bed at each end of every other row until I have knitted about ten rows (possibly more for a man's garment). Then I take it off on waste yarn, cast off on hand knitting needles (shock, horror!), pin it round the neck and backstitch it into place. At first sight the length appears much too short, but with careful pinning it sits nicely, while the way I decrease creates an attractive mitre at the front.

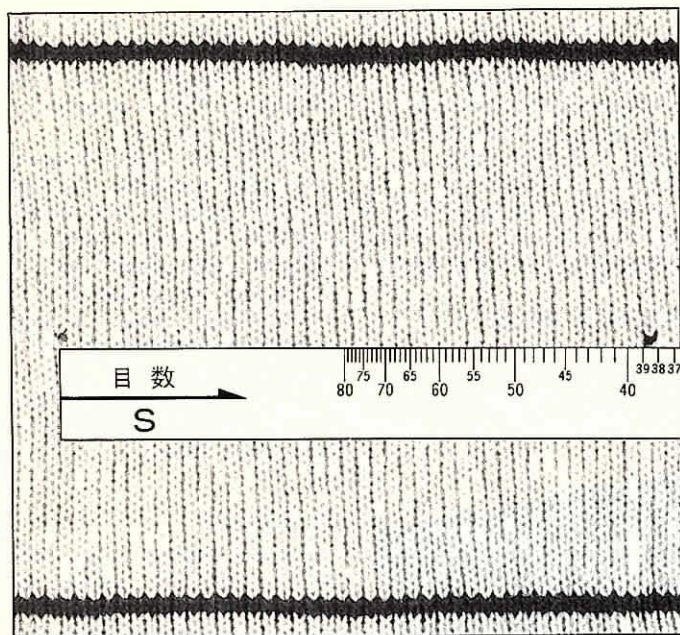
Anyone not so adventurous can knit a straight band and either fold corners under for the mitre, or else cross the ends over. If this band is to be knitted on to the garment it must be done in two parts - note I didn't say 'halves' - I dislike the join in a band coming at the middle of the back neck. If you set out your beautifully knitted garment on a table to show an admiring public, the first thing their eye goes to is the join in the band and it is not easy to get this seam looking as good on the inside as on the outside. By joining the band at one shoulder you can make this seam hardly noticeable. I would still not pick up stitches from the garment, but rather knit the band, mitring the front as before, then knit another half, increasing where I previously decreased. This method leaves nasty-looking loops at the edges, but these do not matter since they will be sewn on the wrong side. Transfer the stitches to the main bed, then pick up the cast on row and knit this, finally picking up the garment edges, knitting one row at tension ten and casting off with the latch tool.

Since this is a folded band you may be wondering why I have not suggested knitting a loose row. If you think about it, when knitting stocking stitch the loose row is inserted to make the band fold over nicely. However, here we are knitting in rib. Which would we want to fold over - plain or purl? It's better to omit it altogether, the bands look very nice with a 'rolled' appearance.

MAIN BED BANDS

The same method can be used for stocking stitch bands on a 'V' neck. In this case, cast on with waste yarn then knit the band, decreasing on every other row. This time knit one row at tension ten for a fold line and continue to increase as before.

Buttonholes in stocking stitch bands are a perennial trouble. If the bands are to be knitted from 'south to north',



To measure the stitches, place the end of the green ruler against the left-hand marker with 'S' side up and read off the figure against the right-hand marker.

machines. The method for knitting a tension swatch is given in your machine manual and I'm not going into details here. Basically you want to measure 40 stitches and 60 rows with the green ruler; 30 stitches and 40 rows with the

yellow and 20 stitches and 30 rows with the blue one. The swatch is knitted in such a way that the number of stitches and rows to be measured are marked out within a larger piece of knitting. The swatch is knitted in this way because

it is impossible to measure accurately to the edge of a piece of knitting.

After resting and pressing and if necessary washing, the swatch is measured with the ruler. The problem with using the ruler arises I think from the very name 'ruler'. Knitters find it hard to understand what the number they read on the 'ruler' means. In fact, the ruler is a ruler and calculator. It measures the distance between the marker stitches and rows on the swatch and calculates the number of stitches and rows per ten centimetres. The number you read is the number of stitches (or rows) in ten centimetres.

There are three points to watch when reading the rulers. They have two sides, one side for measuring the stitches (marked S) and the other for the rows (marked R). You must use the correct side of the ruler. Secondly, you place the very edge of the ruler against the left marker stitch or row, not the first graduation. Thirdly, not all the graduations (or lines) on the ruler are numbered and sometimes you have to count down or up from the nearest numbered graduation. Notice that the numbers decrease from left to right (if you think about this, you'll realise that the larger your swatch is, the fewer stitches and rows it has in ten centimetres).

I haven't said anything in this article about matching tension measurements to

those of written patterns. The conventional advice is that if you want to follow a written pattern you must match your number of stitches and rows per ten centimetres to the pattern, or your garment will be a different size, or even shape, to the pattern. In fact, it is often difficult or impossible to match your stitches and rows per ten centimetres to that of the pattern. The answer is to use a Knit Radar (KnitContour). Use the written pattern for the design and method of knitting. Draw the diagram with the pattern on to your Knit Radar sheet, feed your number of stitches and rows per ten centimetres into the Knit Radar and use it to tell you how many stitches to cast on and when to shape and so on. Use the written pattern to tell you knitting details. For example, how to shape, whether you decrease simple or full-fashioned, or use holding position?

In this article I've been advising you to knit and see. I know many knitters find it hard to follow this advice, feeling it is a waste of yarn. Double knit and chunky machine owners will often find balls of yarn cheaply in the oddments baskets in wool shops. For standard and fine gauge machine owners, most yarn is on cones, so it isn't so easy, but it really is the way to become familiar with your machine and its capabilities. In the long run, experimenting will probably save you money.

the usual way is to make a band double the width, which involves knitting with waste yarn over two sets of buttonholes and backstitching them together to neaten. (A hint here, if you are doing this sort of band—leave one needle out of work in the middle, this makes it much easier to fold the band accurately in half.) A much nicer looking band is the one Mary Weaver describes in *Machine Knitting Technology and Patterns* (page 59/60) and also in *Easy Fair Isle for the Brother Ribber* (page 55). Mary calls these 'Machine finished buttonholes' and I choose to call this method 'Tailored buttonholes'. Whatever name you use, the working is a bit of a fiddle, but what a lovely result you get when the work comes off the machine! The buttonholes are completed, finished with no need for backstitching or reinforcing in any way. It is well worth sitting down and trying these—but do leave yourself a couple of hours to 'play' and have ready a few choice swear words like 'bother' and 'dash it all', because you may find it a bit trying at first. Once the technique is mastered, I guarantee you will never knit

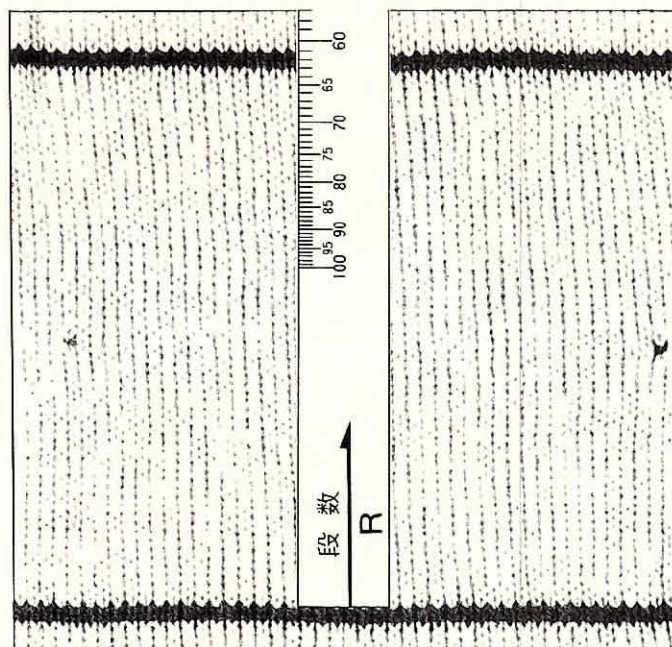
stocking stitch bands by the 'south to north' method again.

EASY ALTERNATIVES

Another nice 'cheat' is to knit edge-to-edge cardigans, but you may find mother-in-law complaining that she likes to have her chest covered in the cold weather! How about frogs? No, not the ones in the garden ponds, but loops around buttons. Toggles are generally used for this type of fastening and they require long loops. I knit a length of piping cord, then twist four loops, three of which are sewn on to the garment (in the style of the Ace of Clubs) while the fourth makes the loop to go over the button.

Another idea is to use those decorated metal clips (I think they are called 'Scandinavian' or 'Swedish', but a whole morning's research has failed to discover the correct name), you find them in the haberdashery departments of the larger stores. If you can track them down these give a very attractive finish to an edge-to-edge garment. But don't call them a 'cheat', these are definitely a 'design feature'.

To measure the rows, place the end of the green ruler against one contrast row with 'R' side up and read off the figure against the opposite contrast row.



C CLUB LINE

We are constantly astonished by the resourcefulness of machine knitters. Whether it is works of art or much-needed good works, you Club knitters are there ready to come up with some winning ideas.

FRODSHAM

We were very impressed by these pictures which arrived recently in a letter from Barbara Hulse. Read her letter yourself and you'll see why.

The Frodsham Knitting Club meets each Monday afternoon at our local Arts Centre and last year we decided that our entry for their autumn exhibition would be a knitted garden.

For ideas we referred to Jan Messent's book *Knitted Gardens* but all our knitting was done by machine and the results, which you can see from my photographs, were very well received.

Two of our members, who celebrate their golden wedding this year, decided to knit a wedding cake and again, from the photograph, you will see what a work of art this turned out to be.

Thank you for the pictures, Barbara, they are just amazing.

HARROGATE

Margaret Hutcheon writes from the **Krafty Knitters Machine Knitting Club** to tell us that Pam Turbett will be giving a demonstration on Cut and Sew Techniques on 5th May. The meeting is at 8.00pm at Dene Park Community Centre and anyone wanting details should call Margaret on 0423 889017.

BOGNOR REGIS

There are some changes in the organisation of two clubs in Bognor. Knitability

Machine Knitting Club is now run by Mrs Sue Drew whose telephone number is 0243 263492. The meetings are at 7.30pm on the third Tuesday of the month at members' homes.

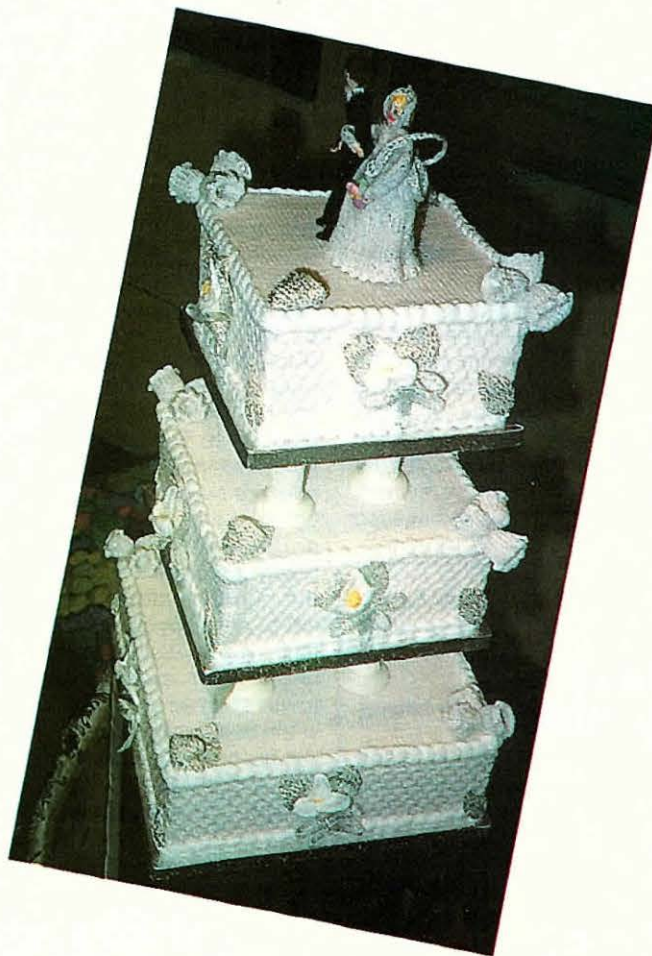
The second club is **Bognor Thursday Knitters**, meeting on the second and fourth Thursday of each month at Chalcroft Hall, North Bersted. The organiser of this club is Mrs Beryl Hurst whose telephone number is 0243 266855. If you live in or around Bognor Regis, Sue and Beryl will be pleased to give you more details.

BRADFORD

Keith and Barbara Boyes have taken over The **School of Machine Knitting** at Legrams Mills from Valerie Holt. The knitting club which Valerie established has a thriving membership and will continue to meet on the first Monday of the month, apart from Bank Holidays, at 7.30pm.

Barbara and Keith will still be selling machines, accessories and coned yarns but they have plans for expanding into mail order and already have a full repair service available. This includes collection and delivery if required and should prove very popular as Barbara says there does not appear to be a service centre in the area.

So if you need a machine knitting shop, service, repairs, tuition or a friendly club, try Keith and Barbara Boyes at The School of Machine Knitting, Legrams Mills, Summerville Road, off Legrams Lane, Bradford BD7 1NS. The telephone number is 0274 307889.



SOUTHSEA, HANTS
 Portsmouth Passap/Pfaff Club is a new one which started in January. The meetings are held at 4 Waverley Road, Southsea, and if you would like all the details ring Pat Roberts on 0705 553987.

WORCESTER PARK

We heard recently from Liz Holness who has had to resign as secretary of Worcester Park Machine Knitters Club due to a move to Hampshire. The new secretary is Mrs J. Teddar, telephone 081-337 0736.

Liz wrote because she is still getting enquiries about the clothes the club knitted for the Special Care Baby Unit at Kingston Hospital and she thought other readers might like the information too.

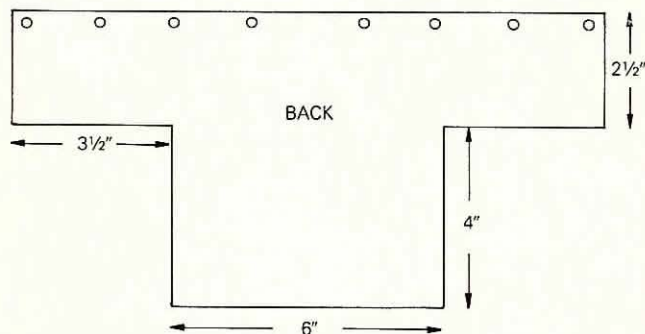
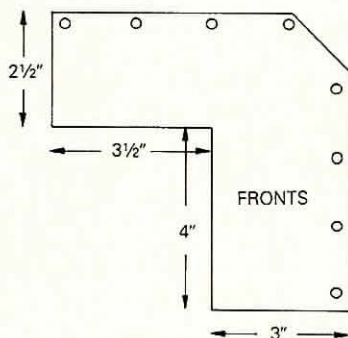
The club mostly used hand knitting patterns which were available in local shops and Liz lists these leaflets: Wendy patterns 627, 646 and 647; Hayfield pattern 00731; Patons patterns 4740, 4742 and 8647. They also used Patons Baby Book 293 - low birth weight to toddler sizes. The only machine knitting pattern they found was called **Special Care Designer Wear**

by Dot Sewell whose address is 1 South View, Doodley, Stockport SK6 1PD.

The club also designed their own garment. There is no written pattern but it can be knitted in any yarn to the dimensions on the diagrams. The upper arm is left open and poppers or ribbons are attached to fasten it. Liz says this may sound a bit peculiar but a lot of the babies have drips and wires everywhere and a garment which can be literally wrapped around is very useful. It was found necessary to crochet round the edges to stop them curling.

The hospital came up with some tips which would be very useful to prospective knitters: The clothes are washed and tumble dried on the ward. Poppers and ribbons are fine but buttons are fiddly and uncomfortable for the babies. Most babies only wore hats, booties, mittens and jackets. Jumpers, trousers and dresses are rarely needed.

We are grateful to Liz Holness for sharing this information with us and the many clubs who will be interested in helping their local Baby Unit.



Join under arm seam only.

Put either ribbons or press studs where marked 'O'

We found it necessary to crochet round edge to stop curling.

CLUB SPEAKERS

ANN BROWN

Posh Frocks, 35 The Links, Whitehill, Bordon, Hampshire GU35 9HB.
 Tel: 0420 474904

Subject: All aspects of design from techniques to pressing, including slide show.

Travel: Club Talks - 100 miles. Workshops - any distance. Now taking bookings for Scotland - Spring 1994.

RUTH COX

Pippin Designs, 22 Clifton Road, Dunstable, Bedfordshire LU6 1LU.
 Tel: 0582 605808

Subject: No ugly ducklings. Bears, babies and beautiful dolls. Hints and tips on how to make machine knitted toys successfully.

Travel: Within reasonable distance.

KENI FREEMAN

19 Willersey Road, Badsey, Worcestershire WR11 5HB.
 Tel: 0386 833489

Subject: Intarsia; Design and Colour; Using sewing machines and overlockers with knitted fabrics; Copyright.

Travel: Will travel to most areas.

ANNE KENT

28 Quail Gardens, Selsdon Vale, South Croydon, Surrey CR2 8TF.
 Tel: 081-657 5740

Subject: Informative talks; Sideways sweater to your size; Size right; Punchcard designing; Pockets galore.

Travel: Reasonable distance from Croydon.

LAVINIA LAWRY-JOHNS

Lee-Bee Lifestyles, 104 Elford Crescent, Plympton, Plymouth PL7 4BT.
 Tel: 0752 336914

Subject: Demonstrations and talks on creative knitting and design; a lively talk can be expected.

Travel: Cornwall and Devon area.

VALERIE MEECHAM

White Gates, Dowlish Wake, Ilminster, Somerset TA19 0NZ.
 Tel: 04605 4670

Subject: Single and double bedwork on Japanese and Swiss machines; Fourteen subjects; New techniques; Talks and Demonstrations.

Travel: Ninety mile radius of Ilminster.

JENNY ROSE

12 Bereta Road, London SE9 3TZ.
 Tel: 081-859 2745

Subject: Knitting with mohair; Punchcard design; Surface decoration; Yokes galore; Ribber workshop. Send SAE for further details.

Travel: No restriction.

ANN ROSS

Ann's Yarns, Unit 30, Fourth Avenue, Bluebridge Industrial Estate, Halstead, Essex CO9 2SY.
 Tel: 0787 476540

Subject: Any subject on the Japanese machines. Yarns and books available.

Travel: 60 mile radius. Further by arrangement.

RITA RUBERY

18 Forest Close, Streetley, Sutton Coldfield, West Midlands B74 2JZ.
 Tel: 021-353 9623

Subject: Talk called Made to Measure Knitwear with twenty-eight garments, illustrations, books and patterns.

Travel: Any distance considered.

PAT STANTON

94 Old Station Road, Bromsgrove, Worcestershire B60 2AF.
 Tel: 0527 31822

Subject: Six different illustrated talks on stitch patterns for Knitting Clubs. Telephone for details.

Travel: Any reasonable distance up to two hours from Bromsgrove.

MARGARET TILLOTSON

6 Court Close, Manor Farm Estate, Horfield, Bristol BS7 0XH.
 Tel: 0272 519549

Subject: Cut and sew decorative detail, etc. Send SAE for details.

Travel: Fifty mile radius of Bristol.

PAM TURBETT

17 Forest Rise, Liss Forest, Liss, Hampshire GU33 7AU.
 Tel: 0730 893654

Subject: Cut and sew, i.e. dressmaking with fabrics made on your machines.

Travel: No restriction.

TRISHA WHITFIELD

5 Brentwood Avenue, Cadishead, Manchester M30 5JS.
 Tel: 061-775 5257

Subject: Pressing knitwear; Appliques; Fabric paints and how to get the most out of them; Designer techniques and how to make the most of your knitting.

Travel: Distances covered normally within one hundred mile radius of Manchester, but special arrangements can be made for longer distances.

Creative Intarsia

SPOTS OF COLOUR

For this month's design, I have taken the idea of small 'spots' of colour on a plain background.

Terry Armitstead

You will need to consider the placing of these 'spots' before you commence your piece. The best way to provide an even distribution is to have two placement rows, row 'A' and row 'B' (see diagram). Working from the centre of your machine bed, mark centre on the bed with a pencil. Count along nine needles to the left and mark the tenth needle. Continue like this across the left-hand side of the machine. Then, returning to the needle number one left of centre, count along nine needles to the right and mark the tenth needle. Continue like this across the right-hand side of the bed.

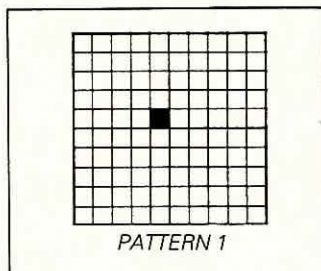
Starting with the centrally-marked needle, every alternate mark on the bed is to be used on 'Placement row A' and the remaining marks on 'Placement row B'.

These marked needles are either the ones on which you should put your 'spot' of colour (if you are using Pattern

1) or they should be the central needles for the other patterns, where applicable.

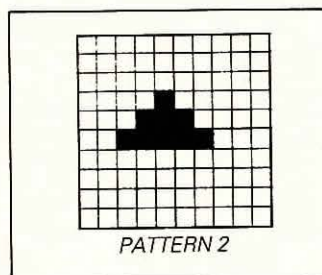
PATTERN 1

Knit 12 rows of background colour. * Knit in, manually, the colours required for 'Placement row A'. Put these needles into hold position and set machine for partial knitting. Knit 1 row of background colour. Set machine for plain knitting. Knit 23 rows of background colour. * Repeat from * to * except that this time you knit colours in 'Placement row B' position. Continue to repeat this sequence for the rest of the garment.



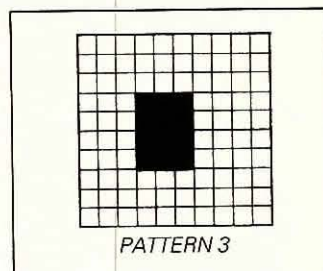
PATTERN 2

Knit 11 rows of background colour. * Knit, manually, the colours required for 'Placement row A'. Put these needles into hold position and set machine for partial knitting. Knit one row of background colour. Knit next two rows of triangle as row 1. Set machine for plain knitting. Knit 21 rows of background colour *. Repeat from * to * except that this time you knit triangles in 'Placement row B' position. Continue to repeat sequences for the rest of the garment.



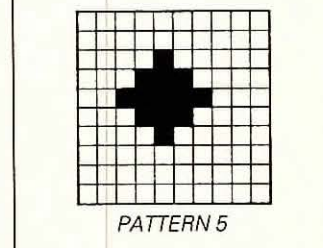
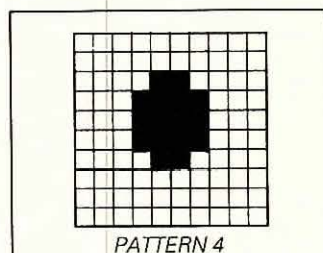
PATTERN 3

After knitting 11 rows of background colour, * knit the four rows of the square pattern in 'Placement row A' position as for triangle. Then knit 20 rows of background colour *. Then repeat the same sequence from * to * in 'Placement row B' position and knit 20 rows plain background colour.



PATTERNS 4 AND 5

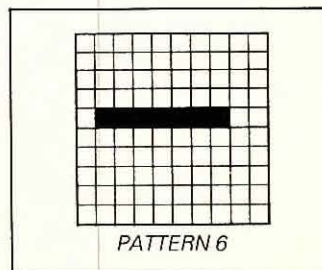
After knitting ten rows of background colour, knit as for Pattern 3 except that you knit five rows of the circle or diamond before knitting 19 rows of background colour only.



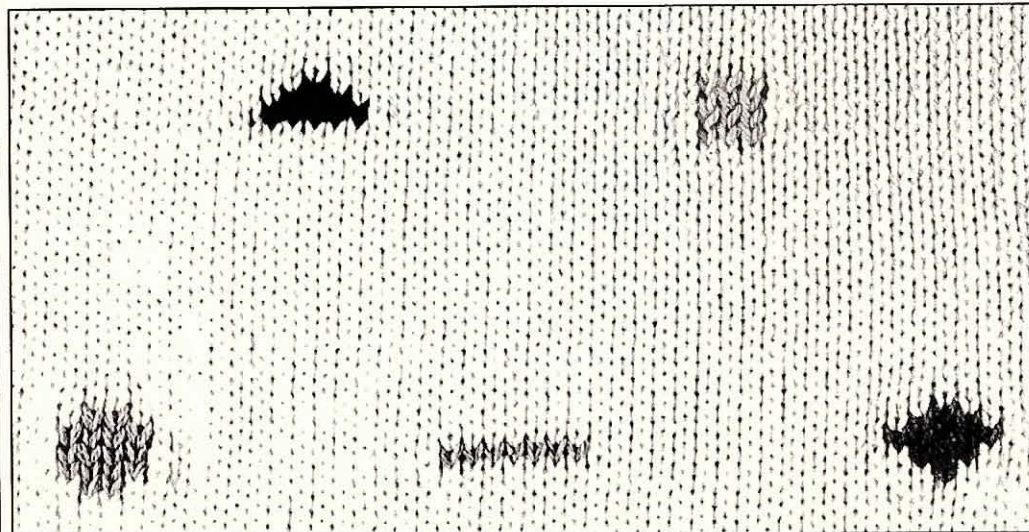
PATTERN 6

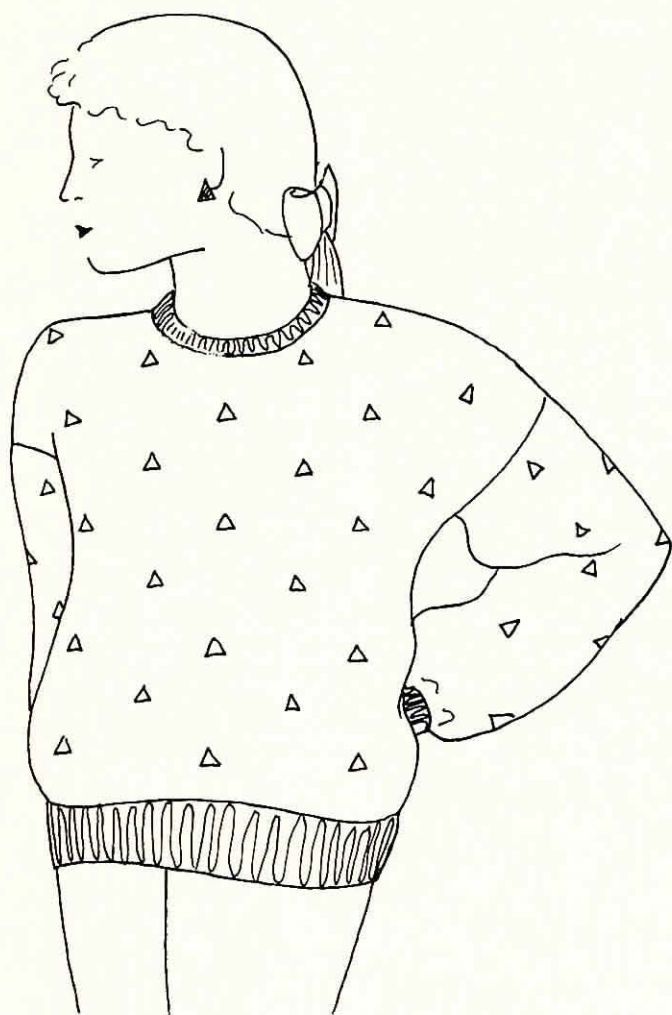
Knit as for Pattern 1 except instead of knitting a coloured spot, knit a seven-stitch line centralised around the spot (that is, three stitches either side of the spot).

These coloured 'spots' can also be effective using other colour combinations - bright colours on black, different



Sample showing different patterns suggested

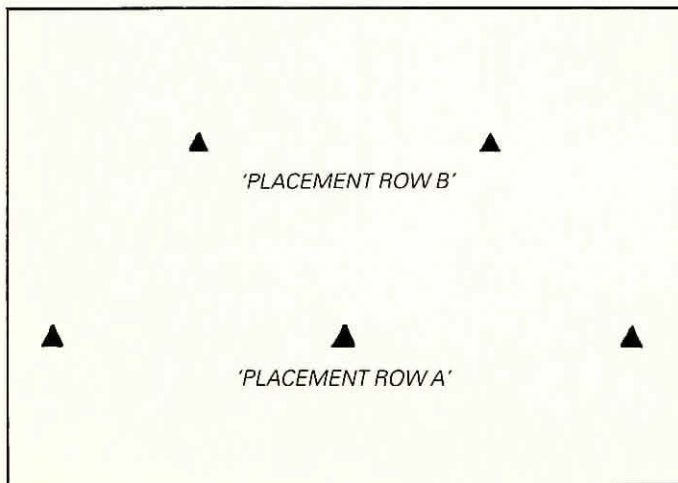




coloured lurex on black, or pastels on a pastel background.

The spacing I have used between the 'spots' is only a suggestion, you can use the basic method while spacing your patterns closer together or further apart.

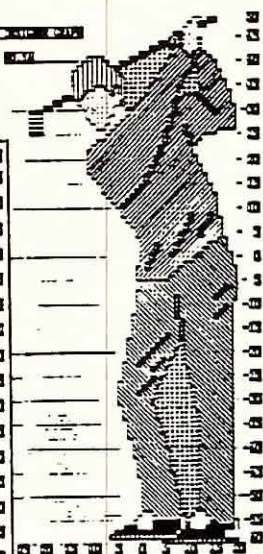
To give you an idea of the overall finished effect, I have included an illustration of Pattern 2, the triangles, used on a basic jumper shape. The knitted sample shows the different patterns suggested. You could use all of these or just one of them in your garment.



Terry Armitstead

DESIGNS

Creative Intarsia

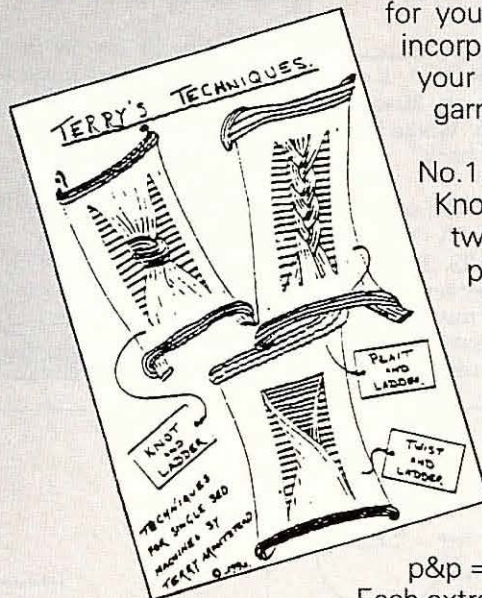


Wide range of motifs to choose from in adult's and children's format.

75p PER GRAPH + 30p P&P PER ORDER.

TECHNIQUE BOOKS

Designer features for you to incorporate in your own garments.



No.1. Knots, twists, plaits and ladders.

£1.50 + p&p

p&p = 1 book 30p
Each extra book +20p

Designer garments – Exclusive patterns from £2.00

Knitting Club talks – Distance no object
Write or phone for details

For free list of all products send a large S.A.E. to:-
Terry Armitstead, 16 Renoir Court, Fairlands Estate,
Bognor Regis, West Sussex PO22 9AY.

Tel: 0243 826125.

18/10

5 TOP WITH IRISH CROCHET

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for chunky machines.

MATERIALS

Emu Cottons-on DK.
10 [11, 12, 13, 14] x 50g balls in White (MY).
Pair of 3³/₄ mm needles.
3.5 mm crochet hook.

GARMENT WEIGHT

Finished garment in second size weighs 495g.

The fibre content of Cottons-on is 100% Cotton. For further information about this yarn, please write to the following address:- Emu Wools Ltd., Leeds Road, Greengates, Bradford, West Yorkshire BD10 9TE.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is No. 14.

CROCHET ABBREVIATIONS

Ch = chain; dc = double crochet; ss = slip stitch; htr = half treble; tr = treble; dtr = double treble.

MEASUREMENTS

To fit bust 82 [87, 92, 97, 102] cm, 32 [34, 36, 38, 40] in.
Actual size 101 [107, 111, 115, 122] cm, 39¹/₂ [42, 43¹/₂, 45¹/₂, 48] in.
Length 64 [65.5, 66.5, 67, 68] cm, 25 [25¹/₂, 26, 26¹/₂, 27] in.
Sleeve seam 18 cm, 7 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

19 stitches and 26 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 3).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.

BACK

Push 98 [104, 108, 112, 118] Ns at centre to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MY, K 102 rows.

SHAPE ARMHOLES

Cast off 5 sts at beg of next 2 rows. Dec 1 st at each end of every row until 70 [72, 74, 76, 78] sts rem *. K 37 [39, 40, 41, 41] rows. RC shows 150 [154, 156, 158, 160].

SHAPE NECK

Using a length of MY, cast off centre 30 [30, 32, 32, 34] sts. Push 20 [21, 21, 22, 22] Ns at left to HP and cont on rem sts for first side. Dec 1 st at neck edge of next 4 rows. Cast off rem 16 [17, 17, 18, 18] sts. With carriage at left, push rem Ns from HP to UWP and finish to correspond with first side, reversing shapings.

FRONT

Work as for back to *. K 11 [13, 14, 15, 15] rows. 30 rows less have been worked to shoulder than on back.

SHAPE NECK

Using a length of MY, cast off centre 8 [8, 10, 10, 12] sts. Push 31 [32, 32, 33, 33] Ns at left to HP and cont on rem sts for first side. K 1 row. Cast off 3 sts at beg of next and foll alt row. Dec 1 st at neck edge of

next 9 rows. 16 [17, 17, 18, 18] sts. K 17 rows. Cast off. With carriage at left, push rem Ns from HP to UWP and finish to correspond with first side, reversing shapings.

SLEEVES

Push 64 [66, 66, 68, 68] Ns at centre to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MY, K 2 rows. Shape sides by inc 1 st at each end of next and every foll alt row until there are 102 [104, 104, 106, 106] sts. K 3 rows. RC shows 42.

SHAPE TOP

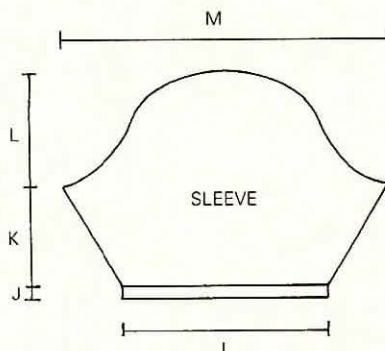
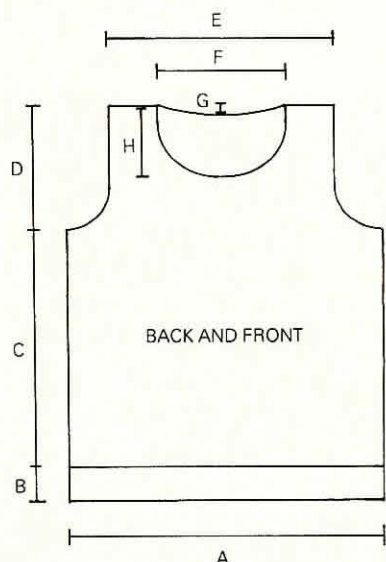
Cast off 5 sts at beg of next 2 rows. Dec 1 st at each end of every row until 74 [72, 70, 70, 66] sts rem, then on every foll alt row until 38 [36, 34, 34, 30] sts rem. K 1 row. Cast off.

WELTS

With P side facing and using 3³/₄ mm needles, pick up 98 [104, 108, 112, 118] sts along lower edge. With K side facing and using MY, K 1 row, inc 22 sts evenly. 120 [126, 130, 134, 140] sts. Work 17 rows in K 1, P 1 rib. Cast off in rib.

CUFFS

With P side facing and using 3³/₄ mm needles, pick up 64 [66, 66, 68, 68] sts along lower



- A = 51.5 [54.5, 56.5, 58.5, 62] cm
- B = 5 cm
- C = 39 cm
- D = 20 [21.5, 22.5, 23, 24] cm
- E = 36.5 [37.5, 38.5, 40, 41] cm
- F = 20 [20, 21, 21, 22] cm
- G = 1.5 cm
- H = 11.5 cm
- I = 33.5 [34.5, 34.5, 35.5, 35.5] cm
- J = 2 cm
- K = 16 cm
- L = 18.5 [19, 19.5, 20, 20.5] cm
- M = 53.5 [54.5, 54.5, 55.5, 55.5] cm



SINGER WORLD

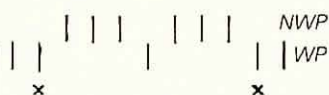
TRIMS AND EDGINGS

To add depth and detail to your knitting, try one of these popular trimmings. Originally designed for single bed Japanese machines, they at first appeared difficult, if not impossible, to knit on the double bed Singer machines. However, I have adapted them and they are in fact easy to knit from the instructions that follow.

Gwen Merricks

SHELL EDGE

Bring into WP on the back bed, needles in the following arrangement.



Cast on in MY using the 'e-wrap' method. To do this, bring all WP needles to the very front of the machine. Set needle return levers to knit these needles back to WP. Starting from the left-hand side, wrap the yarn anti-clockwise round each needle and thread into the carriage on the right-hand side. Knit one row. (I used four ply and stitch size 6.) Hang two claw weights into the first row. Bring all needles to the front of the machine as before and knit one more row.

* Now bring into HP (needle return levers — neutral) the needles marked X and knit four rows. Needle return levers —. Knit two rows over all needles *.

If you take care while knitting this trim, you should have no problems. If the outer edge stitches occasionally jump off the needles, reposition the claw weights, making sure they weight these stitches. Repeat from * to * as necessary.

BUTTERFLY EDGE

Bring into WP on the back bed, needles in the following arrangement.



Cast on as explained for Shell Edge.

* Bring needles numbered 2, 4 and 6 into HP. Knit four rows. Needle return levers —. Knit two rows over all stitches *.

Repeat as necessary.



SHELL EDGE



BUTTERFLY EDGE



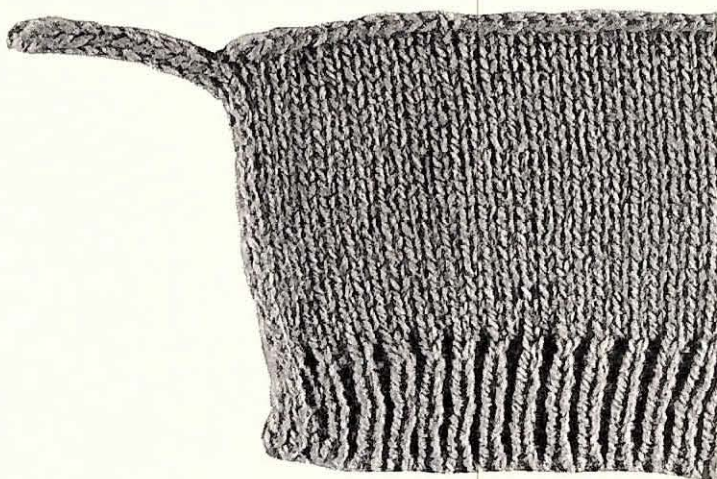
BIAS STRIP



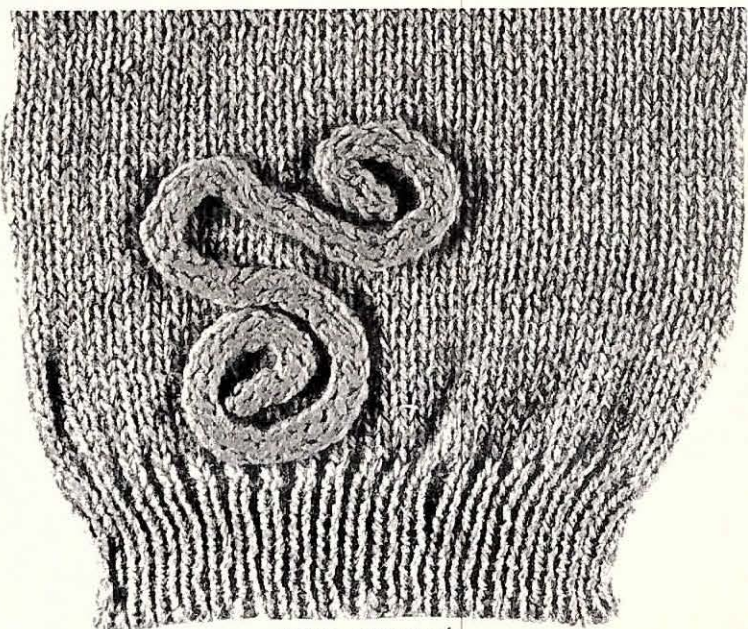
BELL



CORD



CORD TRIM



CORD APPLIQUÉ

BIAS STRIP

Cast on over ten needles on back bed as explained for Shell Edge at extreme right of needlebed.

Now knit one row. Carriage is at left. * Bring one needle into WP at carriage end and decrease one stitch at opposite end (fully fashioned decrease). Knit two rows. Repeat from * to length required. Fold strip in half and sew to garment with increased edge as right side.

BELL

Cast on over twenty needles on the back bed, using waste yarn. Knit a few rows and join in MY.

Knit eleven rows. Knit two rows contrast yarn (if required). Transfer stitches to every alternate needle for picot hem. Knit one row at MT+1. Knit two more rows contrast yarn. Knit eleven rows. Pick up MY stitches from waste yarn. Thread yarn through stitches and gather up. Join side seam.

CORD

Bring three needles into WP on back bed. Cast on, using method described for Shell Edge. Now set carriage to ∇ and knit as many rows as required.

CORD TRIM

This sample uses the cord to trim an edge, for example a neck opening. The piece of knitting to be edged is knitted first and attached to the cord as it is being knitting.

Cast on as for the Cord, then, on every alternate row, on the opposite side to the carriage, hang an edge loop from the piece of knitting to be edged, on the end needle of the cord. It is important to hang a claw weight over this piece of knitting and the cord, otherwise it will pucker up. Repeat as necessary.

CORD APPLIQUÉ

Knit a length of cord in MY or a contrast. Arrange the cord in swirls on your knitting and, using a length of the same colour yarn and small stitches, attach the cord to the knitting.

edge of sleeve. With K side facing and using MY, K 1 row, dec 6 sts evenly. 58 [60, 60, 62, 62] sts. Work 7 rows in K 1, P 1 rib. Cast off in rib.

NECKBAND

Join right shoulder seam. With K side facing and using 3 $\frac{3}{4}$ mm needles, join in MY and pick up and K 36 sts down left side of front neck, 14 [14, 16, 16, 18] sts across front neck, 36 sts up right side of front neck and 46 [48, 50, 50, 52] sts around back neck. 132 [134, 138, 138, 142] sts. Work 8 rows in K 1, P 1 rib. Cast off in rib.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on ball band.

MAKING UP

Join left shoulder and neckband seam. Join side and sleeve seams. Set in sleeves, gathering tops.

CROCHET TRIM

LARGE FLOWERS (MAKE 4)

Using 3.5 mm hook and MY, make 4 ch and join into a ring with ss.

1st Round: Work 10 dc in ring, join with ss. On foll rounds do not join.

2nd Round: (3 ch, miss 1 dc, dc in next dc) to end.

3rd Round: In each of 5 loops work (1 dc, 1 htr, 1 tr, 1 htr, 1 dc).

4th Round: (5 ch, 1 dc around dc of 2nd round) 5 times.

5th Round: In each of 5 loops work (1 dc, 1 htr, 3 tr, 1 htr, 1 dc). Join with ss. Fasten off.

SMALL FLOWERS (MAKE 2)

Work as for large flowers to end of 3rd round. Join with ss. Fasten off.

LEAVES (MAKE 14)

Using 3.5 mm hook and MY, make 10 ch, along ch miss 1 ch, in foll 9 ch work 1 dc, 1 htr, 2 tr, 1 dtr, 2 tr, 1 htr, 1 dc, do not turn. Along other side of base ch work 1 dc, 1 htr, 2 tr, 1 dtr, 2 tr, 1 htr, 1 dc. Join with ss. Fasten off.

STEMS

Using 3.5 mm hook and 2 strands of MY, work lengths of single ch, making five 20 cm long, two 16 cm long and two 10 cm long. Sew one large flower at centre approx 2 cm below neckband. Sew one 20 cm stem straight down centre from the first flower. Using these as a guide, sew rem pieces following diagram.

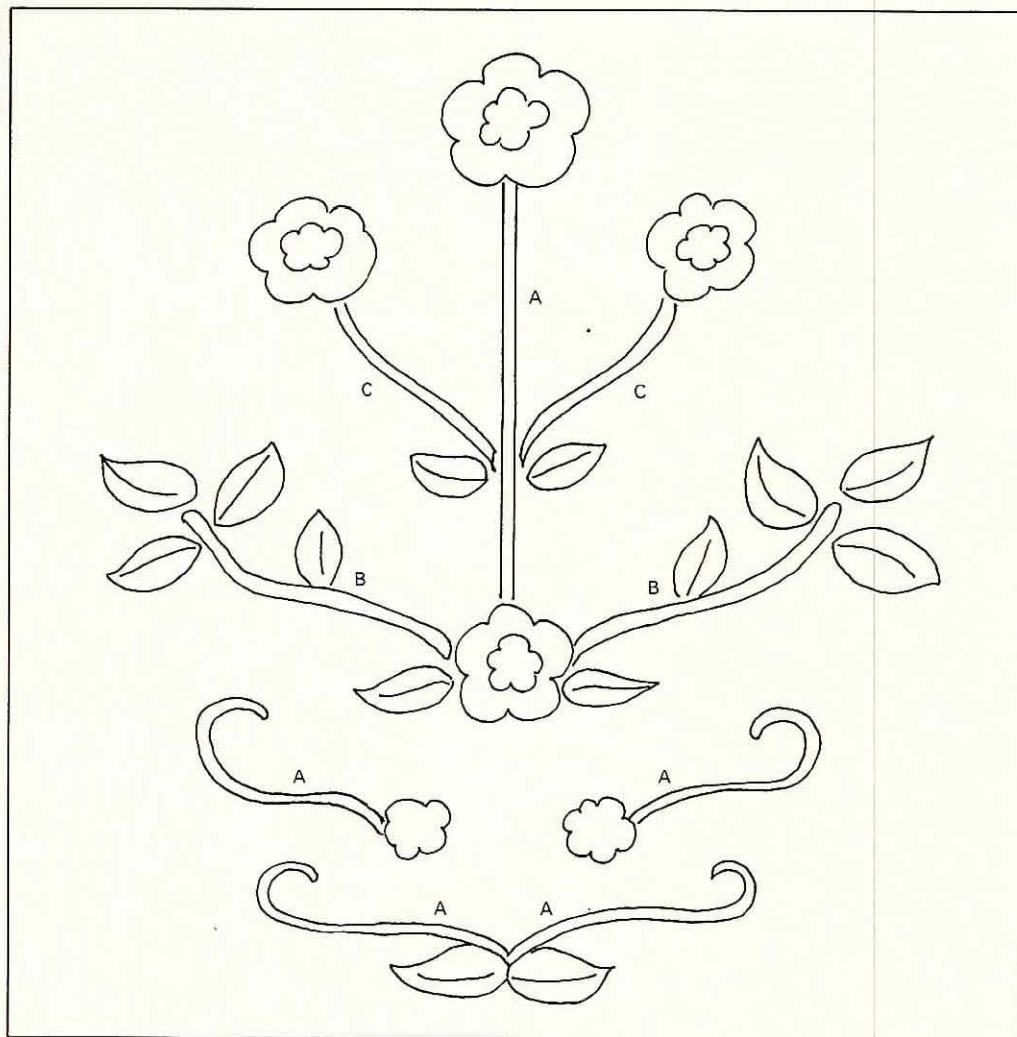


DIAGRAM FOR IRISH CROCHET

CORDS
A = 20 cm
B = 16 cm
C = 10 cm

PICTURE KNITTING

FROLICKING FROGS

Sadly we can't promise any fairytale princes here but Wendy's little frogs are certainly charming and we are sure you will enjoy knitting them.

Wendy Phillips

For some reason frogs are a popular subject for decorating knitwear and one I am often asked for. Rather than producing one large frog I decided to do several smaller ones frolicking in the summer sunshine. The green and yellow design is a continuous repeat pattern which can completely cover a garment. Of, if you prefer, simply use the 50 row design once as a border round welt and cuffs; the choice is yours.

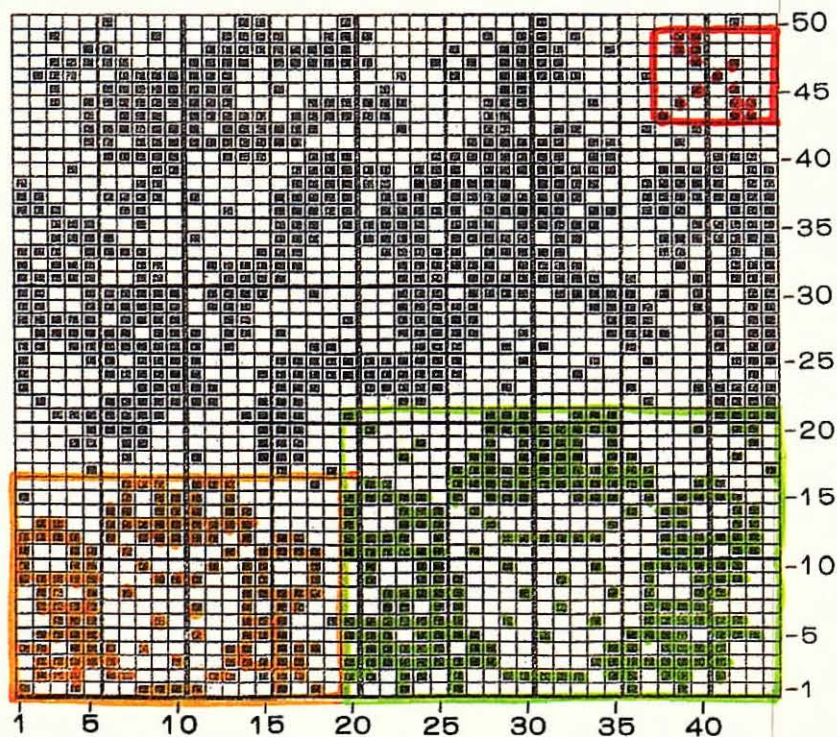
Inevitably, with this type of pattern, when one frog is knitted in isolation some of the float breaking stitches from the original background will appear. Two of the frogs however can be isolated quite well and these I have used for my second sample. The small dragonfly conceals the line where the background changes colour.

Finally I knitted the smaller frog as a motif. I Swiss darned with red inside his mouth and darned one white and one black stitch on each eye to make him appear to be looking at the dragonfly above his head.

There are five different frogs in this design and by moving them into different positions you will be able to create new patterns of your own. Electronic machines are very versatile and the possibilities endless.



-  programme yellow area for small frog repeat
-  programme green area for large frog repeat
-  programme red area for dragonfly repeat



TALKING TOYOTA

POCKETS - PART 2

In which Shelagh adds a few more pocket styles to those which she described last month.

Shelagh Hollingworth

THE UNIVERSAL POCKET

While it may not be truly universal this pocket is handy to know because it can be used in so many types of garment and you will be able to knit it in plain knitting to line a highly patterned article.

Start as described in the first part of this article by working out just where the pocket is to come, so that you know which row and how far in from the edges it will lie before you commence your main knitting. If the pattern doesn't already tell you where to place the pocket, write it in for yourself so that you don't knit past the pocket opening row.

Knit until you reach the pocket placing row, ending

with the carriage at the right. Count in from the sides until you reach the number of needles necessary for your pocket width. Knit these stitches only on to a length of waste yarn, by bringing them all to holding (E) position, then knitting each stitch one at a time with the length of waste yarn, back to B position. You can tie the length of waste yarn to the first needle to the left of the pocket if you wish, but if the length of yarn is adequate this should not be necessary. Once all the needles are in line again continue knitting with main yarn across all stitches. Do not include the row worked on the pocket stitches as a pattern row.

When the main article is completed, carefully remove the length of waste yarn from the pocket leaving two rows of open stitch loops. These

will not run down or 'ladder', but stay neatly in place until picked up, but if you are anxious about them, thread the side that you are working last, back on to the waste yarn with a sewing needle for the time being.

With the wrong side of the work facing, put the loops from the lower edge of the opening on to the needles for the top edge, or border. To make a neat border, easily turned to the wrong side and hemmed in place, work the depth of the border (say seven rows) at main tension, then one row approximately two tensions higher for the fold line, then seven rows at one tension lower than main tension. Cast off the stitches loosely or run them off on to waste yarn.

Once the border has been worked return the remaining loops at the top edge of the opening to be knitted downwards for the pocket lining. This again can be either cast off or placed on to waste yarn.

The border needs to be folded down and slip stitched in place for the cast off edge, or backstitched as in a neckband before unravelling waste yarn. Whether you fold the border to the right or wrong side of the work will depend upon which you prefer as a neat and attractive finish. Catch in the stitches at the narrow ends before sewing down the edges of the borders.

The lining should be sewn down on the inside in the same way as the lining on the

first inset pocket. One of the advantages of making a pocket by this method is that you can provide a thin fabric pocket on a thick garment where the double thickness might show as a heavy bulge.

MOCK POCKETS

There are times when a pocket border looks just right but the thickness will not do. Another place for mock pockets is on children's garments, they look neat and break up a plain garment and, as we know, if you put a real pocket in a child's jumper it may soon become miss-shapen with hankies, toffee papers and other unmentionable substances.

The mock pocket is worked as the last pocket method as far as removing the waste yarn from the pocket opening. Then work the border as suggested on to the lower set of stitches and complete it. The remaining stitch loops can be backstitched in place behind the border. Sew this row of stitches carefully keeping the row in line with the work at each side, as it will be spoiled if there is a dragging appearance at the sides.

The narrow ends of the border should be slip stitched in place and the border itself may need catch-stitching down to prevent the top edge from gaping. A centre button will also prevent this.

SIDE POCKETS

Pockets that are let into side

The Woolleys

by Doug Baker



seams are simple to make and need little planning. They are most often used in full length garments, such as coats, dressing gowns, dresses and so on.

Work a plain piece of fabric twice the required width and fold the piece in half having the right side of the work to the inside and the opening to the side. Once the garment pieces are completed, sew the side seams leaving a gap to accommodate the pocket. Sew in the pocket, using mattress (invisible) seam if possible. If there is a pocket at both sides, placing a marker at both ends of the row, indicating the lower edge of the pocket opening, will make sure that both pockets are exactly level.

This is a very basic let-in side pocket and, because it is just an oblong or square shape, the inner top corner may be inclined to fall down. If this happens, catch stitch this corner in place on the wrong side of the work. When you have more experience at shaping pieces of fabric you will be able to work out a more suitable shape which can still be made in one piece and will stay in place on the wrong side.

KANGAROO POCKETS

These are the pockets in a sweater or jacket where the openings are vertical. This involves a fairly advanced technique, the pattern for which is always given in the instructions if you are following a commercial pattern.

The vertical pattern involves using the holding position for one set of stitches while the remainder is knitted, followed by the first set being knitted to the same depth. This is not difficult but you may need a claw weight to keep the knitting in place. Once the vertical opening has been completed continue with the knitting.

The simplest way to deal with a pocket lining is to knit it separately and insert it in the making up, using mattress seam if possible so that the join will not show and it will all look like continuous knitting.

The kangaroo pocket itself presents more difficulty if you want to knit the lining as you go along. This involves making the pocket lining first. When you reach the row where the

pocket slits have to start you will need to place the pocket width of stitches on to waste yarn and remove them from the needles. Replace the stitches with the lining stitches and knit the depth of the pocket. Cast off the pocket lining stitches only. Bring the side stitches out to holding (E) position. Replace the pocket stitches on to the centre needles. Put side levers to I. Work the depth of the pocket lining and side edges on the front pocket stitches. Make absolutely sure that you knit the correct number of rows or the pocket will be distorted. You will probably need a claw weight at each side. At this stage the front pocket and the side edges are the same depth and the pocket lining is a free flap at the back, held at the side edges only.

Put side levers to 0. Knit one row bringing all stitches back to B position. Continue with the knitting.

Make borders for the vertical pockets by hanging the front edge of the opening on to the needles and then work as for other pocket borders. The kangaroo pocket will have similar borders and the pocket lining will require slip stitching in place at the top and lower edges.

REMEMBER...

Pockets need not be a problem if you:-

1. Follow instructions to the letter on a commercial pattern.
2. Read and understand just what you need to do before you start that section of the article, for example, do you need to knit a pocket lining in advance?
3. Select the most suitable pocket for a garment of your own design.
4. Work out in advance where the pocket will start and where the opening is to be.
5. Calculate correctly how big the pocket is to be and work out from the shape how many stitches and rows are required.
6. Mark the garment with waste yarn, which can always be removed afterwards and may help to keep pockets level.
7. Write down all moves, since it makes life so much easier.

A STYLISH CARRIAGE

is the newest CML title by Teresa Schiff, 10 FULL COLOUR GARTER CARRIAGE designs for all-season chic. £5.95

Elementals - colour and black/white illustrations of element inspired high fashion garments for **Std. gauge** machines. £5.95

Earthsong - Garments on natural themes for this catwalk collection designed using natural yarns for **Chunky** machines. £5.95

Small World - Tops for the Tots, international fashion for 2-6 yr. olds. Real wash 'n' wear showstoppers (**Std. gauge**). £5.95

Look - No Hands - Garter carriage classics for the family. £3.95

Ebony & Ivory - Family fashion on a black/white theme for **Chunky** machines. £4.95

Fine Print - Black and white fashion winners for the family, **Std. gauge** machines. £5.50

Purls - 130 stitch patterns traditional and modern for the Garter carriage. £3.95

PPD and DesignaKnit disks available with these titles for £4.70 per disk, inc. V.A.T.

Charted Art and Stitch Pattern Folios

Eastern Promise - Oriental Arts and Crafts translated into stitch patterns. £3.95

Primotif - Worldwide tribal art and craft inspiration. £4.25

Victoriana - Victorian silhouettes with 'festive' section. £3.95

Pilgrims - American colonial art and crafts inspiration. £3.95

PPD and DesignaKnit disks for these titles, (no folio purchase necessary), £9.40 inc. V.A.T. per title.

Order on 0206 549026 or write to
CML, 244 Shrub End Road, Colchester CO3 4SA

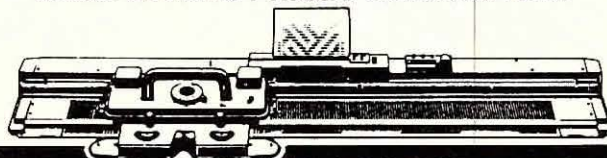
NS

B.S.K.

THE PROFESSIONALS



COMPETITIVE PRICES GUARANTEED



RING (0234) 217096

KNITMASTER — SILVER REED
BROTHER — TOYOTA — PASSAP — BOND

- 12 months to pay with credit plan ● ● Mail order worldwide ●
- Free delivery anywhere in Britain ●
- Comprehensive list of all accessories ●
- Yarns — Publications ●

COME AND SEE US AT OUR NEW LARGE SHOWROOM
LARGEST SELECTION OF MACHINES, YARNS ETC.
KNITTING CLUBS WELCOME

SEND NOW FOR FREE CATALOGUE OF MACHINES —
ACCESSORIES — YARNS etc.
TO

B.S.K. LTD
58 BROMHAM ROAD, BEDFORD MK40 2QG
Phone Bedford (0234) 217096

MASTERCLASS

SUMMER

Weddings, roses, romance, moonlight, picnics, a garden full of flowers – June is a wonderful month.

Mary Dowse

June weddings are traditionally the most romantic of all, though if you are knitting the dresses for a June wedding, you probably have already

done so. If you haven't, there's still time, as the simplest are often the most effective. However, whether the dresses are knitted or yet to

make I expect that you still have some of the petticoats and underpinnings to finish, so here are some thoughts to help you.

If you have made a flowing or narrow dress, simple slips are not a problem, but if the bride has chosen a full-skirted bouffant dress, which still seems to be the most popular choice, it is amazing how many petticoats you need to create a really good effect, particularly in those all-important photographs. I love

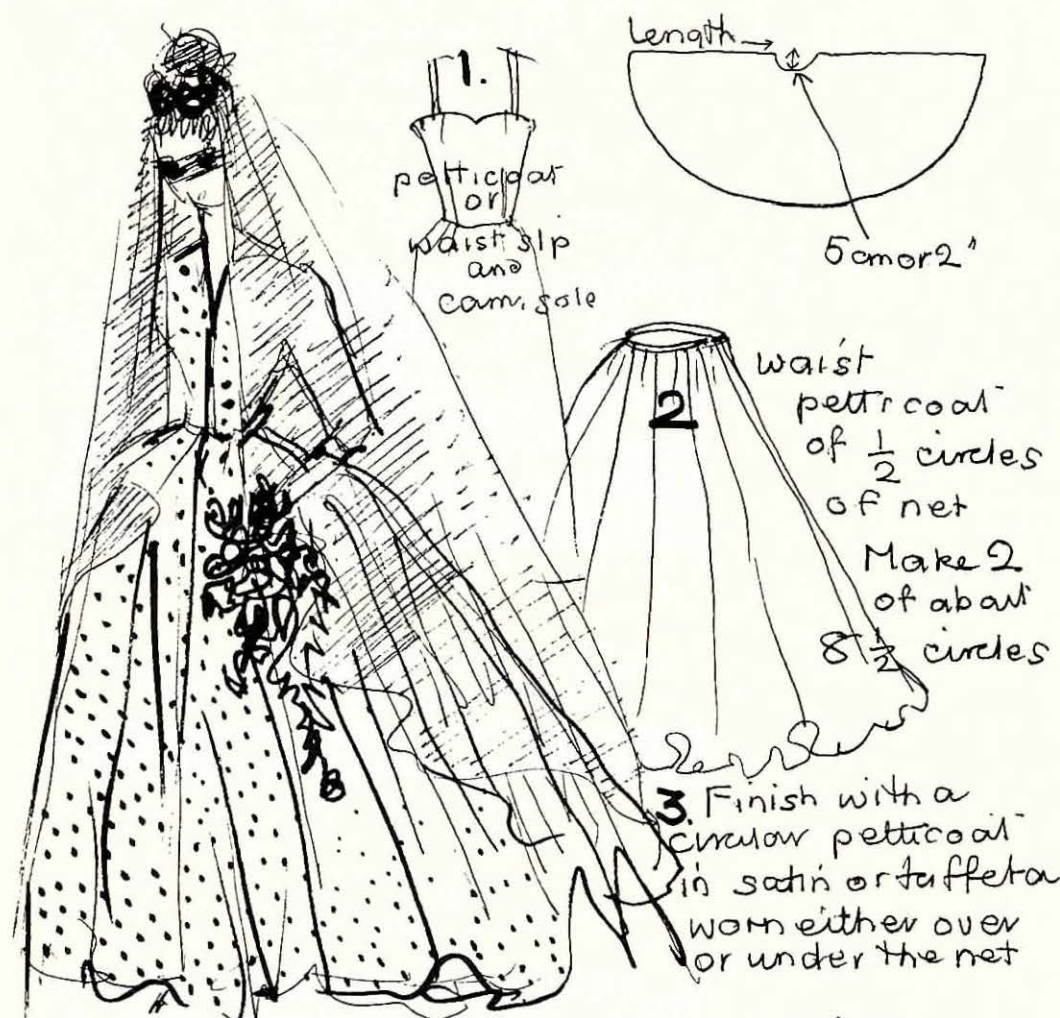
designing these dresses, but I know that I will need every net petticoat I can lay my hands on to make a good picture or the dress will look limp and not bouffant.

First of all, you need a plain full length petticoat or waist slip and well fitting camisole for the look of the bodice and to protect those very delicate tights. Then you need your net petticoats. The easiest are of straight pieces of gathered net, allowing at least three metres or three and a quarter yards for each layer. These are best gathered on to a yoke to avoid bunchiness round the waist, which doesn't help any figure, however slender. The most effective are not made straight but of many half circles of net sewn together to give lots of fullness at the hem, but with just enough at the waist to add a binding and elastic to fit the waist so that it can be pulled on easily. Zips add unnecessary bulk.

Over the net you need a circular skirt, perhaps in satin, to gleam gently through the knitting, but choose a light fabric. For a really light look, put the net petticoats over the fabric one to give an even more bouffant effect. You can lace edge the hems, but they look lovely closely zig-zagged on your sewing machine, stretching the edge as you sew, which gives a really frilly 'lettuce leaf' look (and they are bound to show a bit). It's worthwhile spending time and effort on petticoats, as they make a tremendous difference to the look of brides and bridesmaids. And, above all, don't forget that a very simple dress, given the right underpinnings, will look wonderful.

Wedding veils can be extremely expensive, but there's no reason why you shouldn't make one. You can buy specially fine tulle at big department stores, but if your local one doesn't stock it, try ordering by mail from one of the main city stores.

Still, weddings don't happen every day and although it is tremendous fun to knit an unusual 'wedding guest'



PETTICOATS FOR THAT
BOUFFANT WEDDING
DRESS.

outfit, this is the time of year when all knitters are crying out for summer tops.

If you are slender, the skimpy boob tubes and sleeveless 'vests' look fine, but if you are a bit larger, something different, with a little gentle camouflage, might be better. Here is a version of the first top I knitted on my first lace carriage, but it is equally good in punch lace or plain. All you need to make it is a tension square to work out how many stitches you need to make it wide enough and how many rows for the correct length. Back and front are alike.

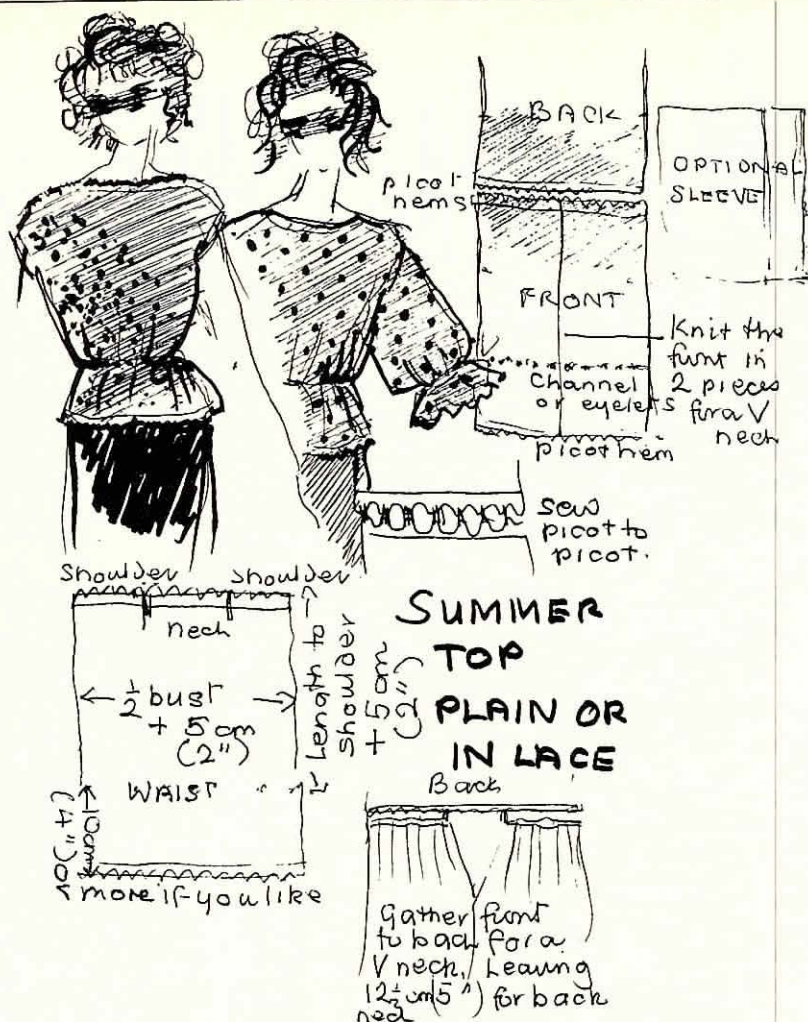
Begin with waste yarn over enough needles to give you about ten centimetres (four inches) extra, plus half the full measurement for the front, half for the back. In main yarn, make a small hem of about five rows. A picot hem, with a row of picots for the sixth row is the nicest. Knit about ten centimetres (more if you like) for a 'peplum' and then either knit a narrow channel of ten or twelve rows for waist elastic or a row of eyelets for a rouleau waist tie (this can be tied loosely and looks good on the large figure). Knit to the shoulder and finish with a picot hem. Sew the shoulders picot to picot, leaving enough unsewn for a boat-shaped neck and sew the side seams. Steam or press according to fabric and put in your elastic or rouleau. This is beautifully quick to knit and the cap sleeves look great with no added edge, but you can pick up and knit a small hem if you wish or you can pick up the edge to knit simple sleeves, either plain or gathered into a frill.

If you don't like the neckline, you can shape a round neck before making the picot hem at the top, or you can make the front in two pieces for a V neck. This is a very becoming top, quickly knitted for all sizes and not difficult to work out for yourself, but if you feel unequal to the task, Ann Durkan has patterns on this theme, usually with a

matching skirt, which make it really easy for you.

You can, of course, use any colours you like. If you're slim, a white top over a dark skirt. If you're not, a black top over a light or bright skirt. This is a time of year when those 'moonlight' colours look particularly good. Try white Hobby with a very pale polyester thread in pale pink, lilac, blue, lemon or pale green, to give just the right hint of colour or make some really brilliant tops. You can have a whole wardrobe without a great deal of effort and without using a lot of yarn. They can be worn casually with a skirt or pants or elegantly with a matching knitted skirt.

In fact, summer clothes are marvellous in knitting. Don't confine yourself to little knitted tops. Choose fine yarns, maybe Hobby or Silky and fine polyester or just several strands of 120s polyester, fine cottons and linens or mixtures. Skirts and dresses, as well as tops, are lovely to wear and fun to knit. The colour range is enormous and they wash easily and come up smiling after packing for holiday wear, so think about a whole lovely summer wardrobe and get knitting.



Mary Dowse Designs, 50 St Anne's Crescent,
Lewes, East Sussex BN7 1SD

Elegant, fashionable, wearable designs. Daywear and casuals, glamorous party and evening outfits, wedding dresses. All for standard gauge (or fine-gauge) machines in sizes from 10 to 26.

Also pleated skirt and dress and lacy double jacquard party dress for double-bed machines. Folios and books, including "Notes and Ideas for Double Jacquard". Illustrated catalogue and prices £1 refundable with order.

DUOMATIC UPDATE

PATTERN PLAY

Experimentation is this month's topic. Hazel takes a single stitch pattern and several techniques from the E6000 instruction book to knit a whole variety of fabrics with the same diamond theme.

Hazel Duignan

If you aim to become a 'real' Passap knitter then experimentation is the name of the game. Knitters coming straight to the E6000 seem to find experimenting much more frightening than those who come via the Duomatic 80 and deco or the older, much loved, pink Passap 5. I think that this must be because they treat the pattern book which comes with the machine as a book of rules rather than as the guide to stitch patterns which it is. Also some people seem to be nervous about adapting techniques from the instruction book instead of using them exactly as given.

Firstly you need to watch what is happening when you knit. This way you will understand your machine much better and feel much happier about doing your own thing. For instance choose a two colour jacquard and knit it using Technique 182. Watch the back bed as you knit. The back lock setting is BX← and the pushers are one in working position, one in rest all across the work.

On row one, the back bed pushers will be reversed and the stitches which originally had a pusher in rest position will be knitted in colour one. As the right arrow key is not depressed the same stitches will knit in colour one on row two.

On row three the pushers are again reversed and the pushers which were originally in working position are again in working position, so the stitches above these pushers are knitted in colour two. Again, as the right arrow key is not depressed, the same

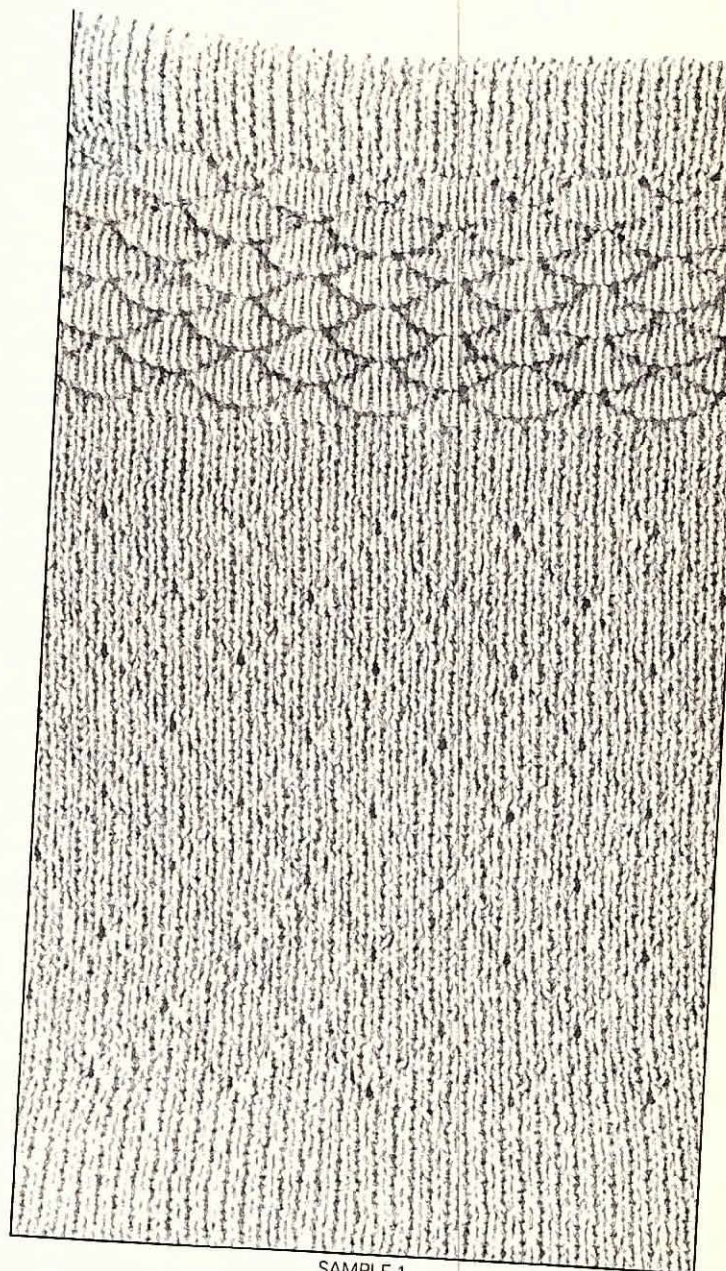
stitches will be knitted in colour two on row four. This gives vertical stripes, one stitch wide, on the reverse of the fabric. As a very simple experiment try knitting the sample again, but this time arrange the back bed pushers with three in working position, three in rest position across the work and again, set the back lock to BX←. This will give you vertical stripes three stitches wide on the reverse of the fabric. You could use this for a jacket with a turn back cuff on the sleeves and perhaps revers knitted in with the front of the jacket.

So you see, with just a little change to the technique you have a trim on your garment without any extra work.

Now look at Technique 181. This again is knitted using the setting BX← on the back bed and, because the pushers are put into rest position, they will knit the stitches in colour one on the first two rows and will not knit at all on the next two rows knitted in colour two. This gives you a piece of fabric with the reverse knitted in colour one only.

However, if you had put the pushers into working position instead of rest position when starting the pattern, then the reverse of the fabric would be knitted in colour two. This again is a very simple alteration but it can make quite a difference to the finished piece of work. Do remember to reverse the position of the first and last pushers on the back bed, as in the instructions given in the instruction book, to ensure that the edges of your piece of work are neat and easy to sew up.

Next try the semi-automatic



SAMPLE 1

Technique 190. Put the pushers on the back bed into position by putting two into working position and two into rest position across the work. Knit two rows N/LX, two rows AX/LX.

All the above alterations have been made to the pushers on the back bed using a jacquard pattern on the front bed. The computer will take care of the front bed and is not affected by what you are doing on the back bed. Just think about what is happening as you knit and you should have no problems, although it

is unlikely that you will like every piece of fabric that you knit. When you have tried the above variations, try some of your own.

Now to use some of the stitch patterns for our experiments. Pattern number 1008 is shown used for single bed tuck stitch on page six of your book, on page 44 for jacquard and on page 123 for U100E lace. The single bed tuck stitch and the U100E lace are best used exactly as shown but the jacquard can be enlarged and altered as usual.

It is possible to use other

techniques than those given for this stitch pattern. Sample 1 shows two of these on one sample. At the bottom I have used the 'card' unaltered and knitted using Technique 250. As there are comparatively few black squares in this pattern I found it easier to knit with orange strippers rather than the black ones which the console told me to use.

The sample is knitted using two strands of 2/30s acrylic at stitch size 3 1/2/3 1/2. I started with an inch of full needle rib followed by seventy rows of pattern which gave a neat pattern. Next, after a few rows of full needle rib, I knitted the pattern using Technique 251, using the same yarn and stitch size as before. Again I knitted seventy rows in pattern. As you can see the pin tucks are quite pronounced little 'bumps' on the surface of the fabric. For this technique I used the black strippers as instructed.

The second Sample shows pattern 1008 again, this time knitted using Technique 185. The piece was started with a small rib, then all stitches were transferred to the back bed with the empty front bed needles left in working position. The lock was set to N/LX, as instructed on the console and then, using stitch size 4/4 and knitting with two rows

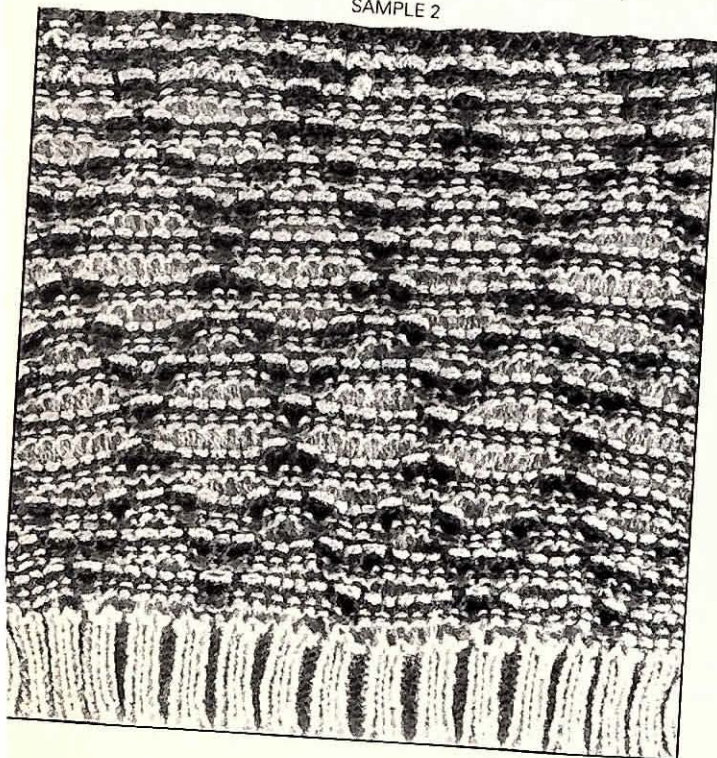
main colour, two rows contrast, sixty rows were knitted. Finally, all the front bed stitches were dropped off the machine and the back bed stitches cast off. When the piece came off the machine, I pulled it sharply lengthwise to encourage the front bed stitches to run down to the welt. Either side of this can be used as the right side. I have used the purl side as the right side for this photograph.

Now for Sample 3. This is for those among you who want to knit lace without using the E100E. I have knitted it using Bramwell's Artistic at stitch size 4 1/2/5 1/2 and I steam pressed it after knitting.

It starts with a 1x1 welt then all stitches are transferred to the back bed. The front bed needles are left in working position and I left two back bed needles in working position at each end of the work with no corresponding front bed needles (I find this gives me a nice edge for sewing up). The technique used is 256

and the lock is set at $\frac{BX}{LX}$ with the back bed pushers in rest position as shown in the book of instructions. Knit two rows with yarn and two rows without yarn or bobbin. If you find that the front bed stitches do not drop off cleanly on row three of the sequence, put a

SAMPLE 2



VERSATILITY ITSELF

the

electronic 6000

from

PFAFF

WHAT OTHER ELECTRONIC CAN

- ENLARGE 100 TIMES
- FOUR COLOUR
- REVERSE
- MIRRORS
- WIDEN

OR DESIGN YOUR OWN
WITH CREATION 6

ALLSEWKNIT

gives a complete service

- Personal free delivery
- 3 day tuition at Pfaff National Knitting School
- Free video
- 5 yr guarantee on parts

HUGE RANGE
OF SEWING AND
OVERLOCK
MACHINES
AVAILABLE

RING FOR ADVICE, INFO OR QUOTATION TO

ALLSEWKNIT

at

Warley Yardley
021 559 3272 021 708 2809
021 561 5270 021 708 2380
Nottingham
0602 476600



U100 • TRICOFIT • MOTORS • PICTO

ACCESS - VISA - INSTANT CREDIT

LARGEST PFAFF RETAILER IN UK

6 DIAMOND PATTERN TOP

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for Passap or Pfaff Duomatic 80 machines with Deco and E6000 machines.

MATERIALS

Bramwell's Hobby.
1 x 500g cone in White (MY).

GARMENT WEIGHT

Finished garment in first size weighs 295g.

The fibre content of this yarn is 83% Acrylic, 17% Nylon. For further information about this yarn, please write to the following address:- F. W. Bramwell & Co. Ltd., Unit 5, Metcalf Drive, Altham Lane, Altham, Accrington BB5 5TU.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is No. 6.

MEASUREMENTS

To fit bust 92-97 [102-107] cm, 36-38 [40-42] in.
Actual size 104 [114] cm, 41 [45] in.
Length to shoulder 61 cm, 24 in.
Sleeve seam 15.5 cm, 6 in.

Instructions are written for the first size, larger size follows in brackets. If only one figure is given, it applies to both sizes.

TENSION

51 stitches on back bed and 48 Ns on front bed to 20 cm and 100 rows to 11 cm, measured over pattern as diagram 1, using two strands together (stitch size approximately 4³/₄/5¹/₂). Steam press before measuring.

For perfect results, please check your tension carefully.

KNITTING NOTES

Duo 80 Users – Punch card, as shown from diagram 2, before starting to knit. The pattern is eight stitches wide by eight rows high. Punch the pattern five times across the card and five times in height.

E6000 – Use cast on 1. Pattern 1008 Tech 256.

Use two strands of yarn together throughout.

Remember to put a pusher into blocking rail for every stitch decreased and to bring a pusher into position for every stitch increased on front bed. (E6000 – Put back bed pushers in line with rest of pushers when increasing.)

If you have to unravel the work at any time, note where you are in the pattern sequence. If you have finished a four row sequence, then unravel two rows but count them as four. If you have only knitted the first two rows of the sequence, then count them as two rows but count any subsequent two rows unravelled as four rows.

The term RC in this pattern applies to the manual RC on the front lock and refers to the number of passes made with the lock rather than the actual rows knitted.

If the front bed stitches do not drop cleanly, then use a little weight on the knitting or hold it down under the machine. I did not need to use any weight when knitting.

PATTERN

Duo 80 – Set lock on N/HX, deco on 4 and stitch size to 4³/₄/5¹/₂. K 2 rows, then K 2 rows front lock only.

E6000 – Pattern 1008, Tech 256. K 2 rows, then K 2 rows without yarn or bobbin.

E6000 PROGRAM

Prog		ENT
Erase		ENT
Cast on	1	ENT
All st patt		NO
St patt A	1008	ENT
Alter		NO
Tech	256	ENT
Enlarge pos		NO
Test		NO
All st patt		ENT
Form		NO
Continue from here as usual entering end needle positions and so on.		

BACK

Handle up. Orange strippers. Set up 134 [146] Ns on each bed at centre in WP. Arrange Ns for 1x1 rib (E6000 – use cast on 1). Set lock on N/N and stitch size to 2/2. Using 2 strands of MY, K 1 row. Set lock on CX/CX and stitch size to 2¹/₂/2¹/₂, K 2 rows. Set RC at 000. Set lock on N/N and stitch size to 3¹/₄/3¹/₄, K 35 rows. Transfer all sts to back bed. Handle down. Inc 1 st on back bed. 135 [147] sts. Arrange 132 [144] empty Ns on front bed in WP as diagram 1. Arrange pushers as in diagram 1. Put card holder in centre of needlebed. Insert card into card holder and set to 0. Programme card with deco and clip deco to lock. (E6000 – Patt A.) Black strippers. Set RC at 000. Set lock on N/HX, deco on 4 and stitch size to 4³/₄/5¹/₂. Cont in patt. ** Duo 80 – K 2 rows, then K 2 rows with front lock

only. (E6000 – K 2 rows with yarn, then K 2 rows without yarn or bobbin.) ** K until RC shows 292. Place marker at each end.

SHAPE ARMHOLES

Remember to return pushers under dec sts to blocking rail. Set RC at 000. Dec 1 st on each bed at each end of every

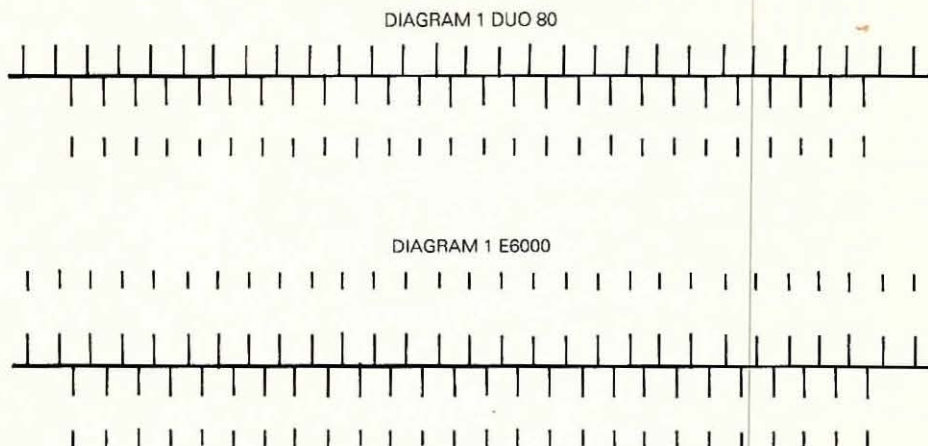
4th row until 105 [117] sts rem on back bed *. K until RC shows 208. Place marker at each side of centre 35 sts on back bed. Cast off.

FRONT

Work as for back to *. K until RC shows 136.

SHAPE NECK

Note row number in window of card holder (E6000 – note RC number on console). Using a length of MY, cast off centre 13 sts on back bed loosely. Push centre 12 Ns on front bed to rest position. Return pushers under these Ns to blocking rail. Note position of





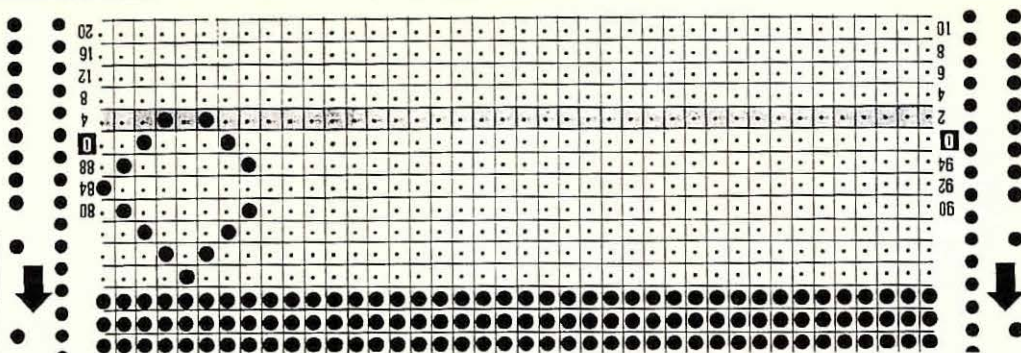


DIAGRAM 2 PUNCHCARD DUO 80 stitches wide and 8 rows high

Ns and pushers at left and return pushers to blocking rail. Push front bed Ns at left to rest position. Duo 80 – Arrange pushers in WP under every back bed N at right. Cont on these sts for first side. (Remember to return pushers to blocking rail when dec.) Set RC at 000. Set lock on BX/HX, deco on 4 and stitch size to $4\frac{3}{4}/5\frac{1}{2}$. Dec 1 st on each bed at neck edge on every 4th row until 35 [41] sts rem on back bed. K until RC shows 72. Cast off. Return pushers at right to blocking rail. Push front bed Ns at left to WP as noted. Arrange pushers under front bed Ns as noted. (E6000 – arrange pushers in rest position under every back bed N.) Turn card to noted number. Programme card with deco and clip deco to lock. (E6000 – return to noted RC number on console.) Set RC at 000. Set lock on

N/HX, deco on 4 and stitch size to $4\frac{3}{4}/5\frac{1}{2}$. Finish to correspond with first side, reversing shapings.

SLEEVES

Handle up. Orange strippers. Set up 90 Ns on each bed at centre in WP. Arrange Ns for 1x1 rib. (E6000 – Use cast on 1.) Set lock on N/N and stitch size to 2/2. Using 2 strands of MY, K 1 row. Set lock on CX/CX and stitch size to $2\frac{1}{2}/2\frac{1}{2}$, K 2 rows. Set RC at 000. Set lock on N/N and stitch size to 3/3, K 21 rows. Transfer all sts to back bed. Handle down. Inc 1 st on back bed. 91 sts. Arrange 88 empty Ns on front bed in WP as diagram 1. Arrange pushers as in diagram 1. Put card holder in centre of needlebed. Insert card into card holder and set to 0. Programme card with deco and clip deco to lock.

(E6000 – Patt A.) Black strippers. Set RC at 000. Set lock on N/HX, deco on 4 and stitch size to $4\frac{3}{4}/5\frac{1}{2}$. Cont in patt as for back from ** to ** and, AT THE SAME TIME, inc 1 st on each bed at each end. 93 sts on back bed. Shape sides by inc 1 st on each bed at each end of every 4th row until there are 101 sts on back bed, then on every foll 8th row until there are 119 sts on back bed. K until RC shows 116. Place marker at each end.

SHAPE TOP

Remember to return pushers under dec sts to blocking rail. Set RC at 000. Dec 1 st on each bed at each end of next and every foll 4th row until 89 sts rem on back bed. K until RC shows 60. Cast off loosely.

NECKBAND

Handle up. Orange strippers. Set up 118 Ns on each bed at

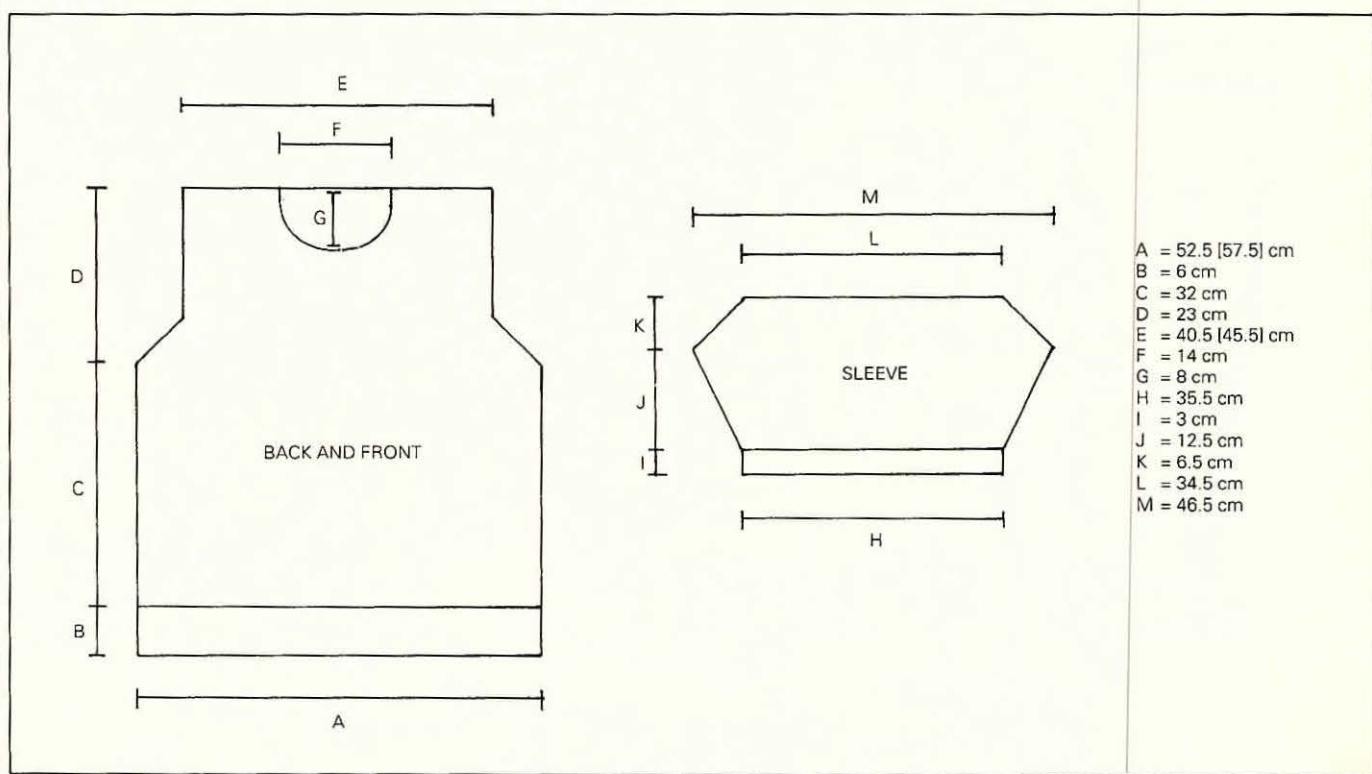
centre in WP. Arrange Ns for 1x1 rib. (E6000 – use cast on 1.) Set lock on N/N and stitch size to 2/2. Using 2 strands of MY, K 1 row. Set lock on CX/CX and stitch size to $2\frac{1}{2}/2\frac{1}{2}$, K 2 rows. Set lock on N/N and stitch size to 3/3, K 1 row. Handle down. Push up all in between Ns on both beds to WP. Set RC at 000. Set lock on CX/CX and stitch size to $3\frac{1}{2}/3\frac{1}{2}$, K 2 rows. Set stitch size to 4/4, K 2 rows. Set stitch size to $4\frac{1}{2}/4\frac{1}{2}$, K 4 rows. Set stitch size to 5/5, K 10 rows. Either K a few rows in WY and release from machine or join on the machine using the Passap method, after you have pressed the pieces and joined one shoulder seam.

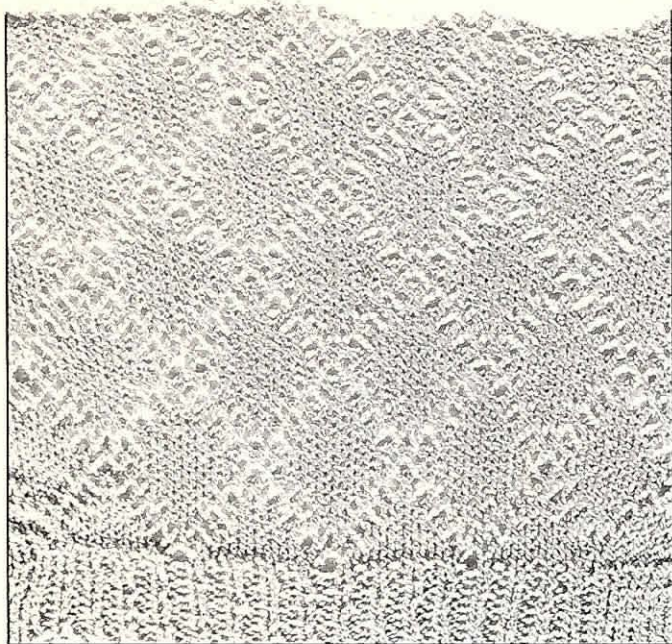
PRESSING

With wrong side facing, pin out all pieces to measurements given. Steam well omitting ribs.

MAKING UP

Join right shoulder seam and attach neckband using Passap method or pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MY on the right side and then slip stitch loops on wrong side. Join left shoulder and neckband seam. Set in sleeves. Join side and sleeve seams.





SAMPLE 3

little weight on the knitting or hold it down beneath the bed as you knit this row. I did not have any problem when using the Artistic but some yarns do tend to stick a bit. I knitted to RC 100 on the console but there are only 50 rows of knitting on the work. When using this technique the size of the lacy holes is controlled by the front bed stitch size, so if you do not want your work to be too see-through, reduce the front bed stitch size.

Finally Sample 4 uses pattern 1008 once more, but this time knitted using Technique 186. This is a useful technique which knits a soft fabric

which, because of the tuck stitch, is wider than usual.

All the samples shown have been knitted using pattern number 1008 without any alterations. Perhaps you might like to try knitting the same pattern number with some of the other techniques in the instruction book. It is unlikely that you will like every piece you knit, but you will certainly learn a lot about your machine. Any fabric which you do like can be knitted into a garment in your size if you use your Form facility. There you are, with instant, individual style if you just experiment.

Happy knitting.

SAMPLE 4



D & S CONE YARN SUPPLY

PFAFF 6000 ELECTRONIC



PFAFF Professional knitting school with tutors trained in Switzerland.
Send now for a brochure.

'Try Before you Buy'

The course money will be refunded when you purchase a Pfaff machine. All machines are delivered and assembled in your own home.

Mail Order Yarns

If you are on holiday in Devon please call in and see us. We are at:

22 Anstis St.
Plymouth
Tel: 660000

175 Queen St.
Newton Abbot
Tel: 69840

MS CANADIAN SUBSCRIPTION

Machine Knitting Monthly Subscription Order Form

Please begin my 1 year subscription,

starting: (MONTH)

Cost in Canada: \$75.⁰⁰ (Canadian)

(INCLUDES POSTAGE, HANDLING AND INSURANCE)

Please Print

Name:

Address:

City: State/Prov:

Zip/Postal Code: Phone: ()

Please send your check or money order to:

Modern Sales Canada Inc.
PO Box 67, #4 1865 McLean Ave.,
Port Coquitlam, BC V3C 3V5
Phone: 604-942-5939
Fax: 604-942-5329

1617

* Post coupon or use separate paper to avoid cutting magazine

7



7 SHORT SLEEVED TWO-COLOUR CARDIGAN

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for Passap or Pfaff Duomatic machines and E6000 machines.

MATERIALS

Direct 4-ply.
1 x 500g cone in White (MC).
1 x 500g cone in Azure (C).
7 buttons.

GARMENT WEIGHT

Finished garment in second size weighs 370g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- Direct Knitting and Sewing Supplies, Attercliffe Road, Sheffield, South Yorkshire S9 3RE.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is No. 11.

MEASUREMENTS

To fit bust 82 [87, 92, 97, 102, 107] cm, 32 [34, 36, 38, 40, 42] in.

Actual size 92 [94, 100, 105, 110, 113] cm, 36 [37, 39 1/2, 41 1/2, 43 1/2, 44 1/2] in.

Length to shoulder 58 cm, 23 in.

Sleeve seam 24 cm, 9 1/2 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

30 stitches and 60 rows to 10 cm, 4 in measured over pattern (stitch size approximately 5/5).

For perfect results, please check your tension carefully.

KNITTING NOTES

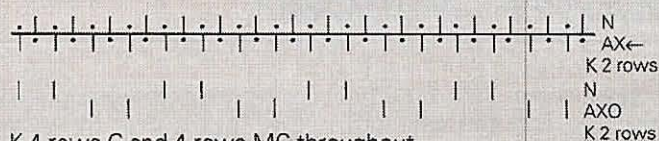
Either side of garment can be used as right side. We used side of knitting facing knitter as right side of garment.

MACHINES WITH DECO AND E6000 MACHINES

Punch card or fill in pattern sheet (Patt A) as shown, before starting to knit.

PATTERN

MACHINES WITHOUT DECO



K 4 rows C and 4 rows MC throughout.

MACHINES WITH DECO

Put card holder in centre of needlebed. Insert card into card holder and set to 0. Arrange pushers in WP under every front bed N in WP. Programme card with deco and clip deco to lock. Set lock on N/AX and deco on 2. K 4 rows C and 4 rows MC throughout.

E6000 MACHINES

Use cast on 1. Patt A. Knit Tech 148. Set lock on N/KX. K 4 rows C and 4 rows MC throughout.

ALL MACHINES

For larger sizes, it will be necessary to cancel colour changer between stripes to avoid accidental unloading of yarn eyelet when locks are at right.

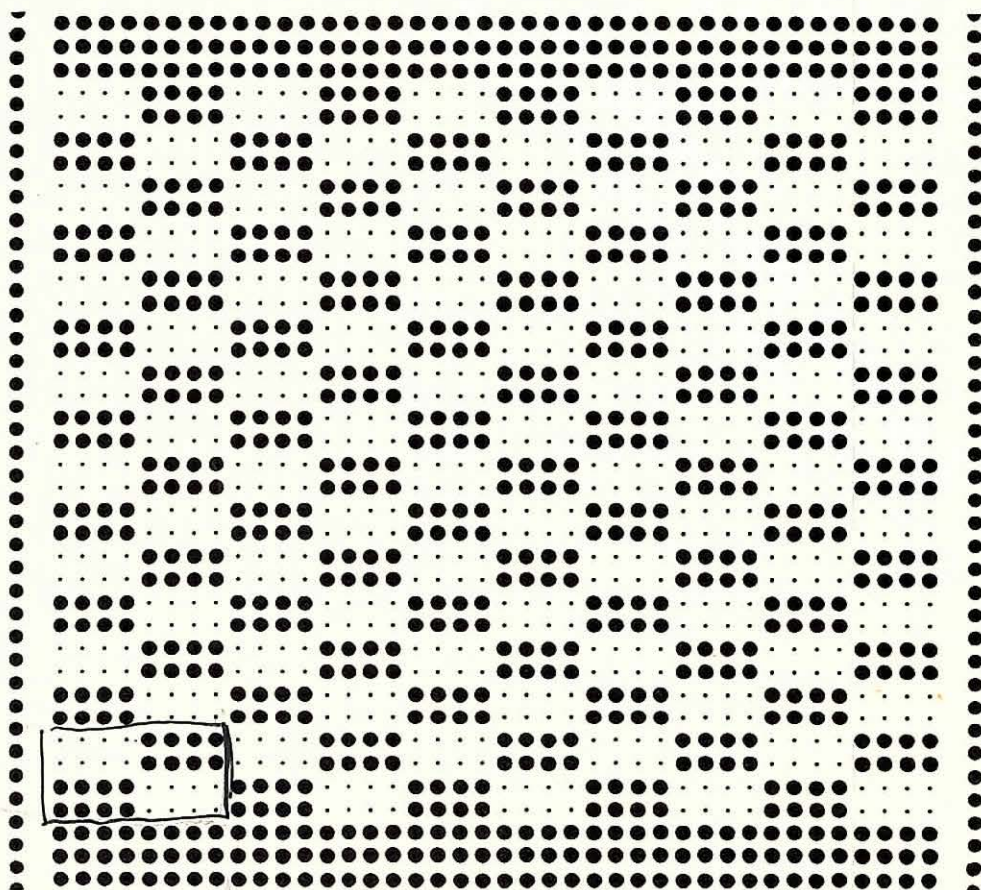
Remember on front bed to put a pusher into the blocking rail for every stitch decreased and to bring a pusher into position for every stitch increased.

BACK

Handle up. Orange strippers. Set up 140 [144, 152, 160, 168, 172] Ns on each bed at centre in WP. * Arrange Ns for 1x1 rib. (E6000 - Use cast on 1.) Set lock on N/N and stitch size to 2/2. Using MC, K 1 row. Set lock on CX/CX and stitch size to 4/4, K 3 rows. Set RC at 000. Set lock on N/N, K 40 rows *. Set RC at 000. Set stitch size to 5/5 and cont in patt. Cont in stripes of 4 rows C and 4 rows MC. K 150 rows. Place marker at each end. K 150 rows. RC shows 300. Transfer sts to front bed. Black strippers. Set lock on GX/N and stitch size to 6 1/2, K 1 row. Place marker at each side of centre 48 sts. Cast off.

LEFT FRONT

Handle up. Orange strippers. Set up 70 [72, 76, 80, 84, 86] Ns on each bed in WP. Work as for back from * to *. Set RC at 000. Set stitch size to 5/5 and cont in patt. Cont in stripes of 4 rows C and 4 rows MC. K 150 rows **. Place marker at right edge. K 103 rows. RC shows 253.



PUNCHCARD

WORKSHOP E6000

Last month I answered some of the questions I am frequently asked about the Passap or Pfaff machines, this month I hope to complete my list but if you have a burning question which hasn't been answered, please let me know.

Eileen Metcalf

I have cast off on the machine and the cast off, which has to show on the completed garment, is not very tidy.

Knit the first piece. Change to N/N. Knit to left. Stitch size 8/8. Hold down the fabric under the machine. Knit to the right and change to waste yarn. Still holding down the fabric, change to stitch size 3/3. Knit one row; now you

can let go of the knitting. Knit seven more rows of waste yarn. Release the knitting from the machine by knitting across without yarn. Press the waste yarn and the last row of the main knitting. Unravel all but the last row of waste yarn. Unravel the last row stitch by stitch as you cast off using the latch tool. Begin at the opposite end to the tail of the main yarn. Pick up the first stitch. Allow that stitch to slip behind

the latch and pick up the second stitch. Pull the second stitch through the first. Pick up the next stitch and pull it through the stitch which is behind the latch. Work across in this way pulling the tail end of the yarn through the last stitch. This takes a little practice but it is quick to do and looks neat when you have practised a little.

I follow the pattern but my garment is too tight or too loose.

Did you check the pattern to see what the completed measurement was supposed to be and whether that was what you wanted? Did you do a tension swatch? I bet 90% of you feel uncomfortable now. Machines knit very differently, some loosely, some tightly.

If you really can't bear to do a tension swatch, then measure the first piece of the knitting when it has rested for twenty-four hours. Is that piece the correct size? If it is not correct, then use it as a tension swatch. You know how many stitches you had at the widest part, you also know how many rows you knitted. Use these to work out how many stitches and rows to each inch, then check with the pattern. Remember you should change the stitch dials to a lower number if you want the knitting to be tighter and turn it to a higher number if you want the knitting to be larger.

I have the Autocolour. Sometimes the locks drop one eyelet into the colour changer then fail to pick up the next, so I lose my stitches when I knit across.

Have you set the Autocolour for the correct number of colours? If you have the number set on three when you are using only two colours, then on every third occasion when you take the locks into the Autocolour you will fail to pick up an eyelet.

This sounds so obvious yet I have made the mistake several times.

Clean and oil the Autocolour regularly, it works much better if you do this.

My E6000 is mis-patterning occasionally.

This could be caused by static, especially if there is nylon in your carpet. Fit the earthing wires which can be obtained through your dealer.

Put the cones on a piece of wood. Clean and lightly oil the front bed pushers. Change the positions of the pushers. Are the pushers damaged? If the machine still mis-patterns in the same place as before, then consult your dealer.

The E6000 console lost the bleep then found it again.

Apparently this is another static problem which may be solved by fitting the earthing wires. I have not personally experienced this loss of sound on my machine although at times I wish it would be quiet.

When I switch on the console it sometimes says WAIT then takes a long time before it bleeps to say it is ready.

If you knitted many rows last time you used the machine it will take a little while to work its way through these rows to get to the correct position in the stitch pattern. Make a cup of tea while you wait, the time passes much more quickly and you have a drink ready for when you make the first mistake in your knitting.

Help! My console is speaking German.

Press the reverse button until DEUTSCH appears. Press NO. The console will then say FRANCAIS. Press NO. The console will then say ENGLISH. Press ENT and you are back in English.

METBURY DESIGNS

FOR
E6000
&
DUO

E6000 PATTERNS
WITH LASER PRINTED READER SHEETS

Specialist
help by the
experts

**EILEEN METCALF
&
CHRISTINA SALISBURY**

E6000 PATTERNS
Easy to use, easy to knit

E6000 & DUO COURSES

Small selection of Duo patterns
available

Telephone enquiries welcome
0772 452608

Please send £1 for colour catalogue
(£2.50 overseas - sterling only) to

METBURY DESIGNS
7 NURSERY CLOSE, LEYLAND,
LANCASHIRE PR5 1NS

I am trying to knit a 2x1 rib using the console. I set up the needles, then programmed the machine, but only one of each pair of needles is knitting on the front bed.

Program the machine. Put all the front bed pushers under the number of the front bed needles required. Complete the first SX row. Every third needle will be down. Put these needles and their corresponding pushers out of work. Now set up the back bed needles to fit in with those on the front bed. Now follow the instructions on the console.

I have done one piece of knitting on my E6000, now how do I get back to the beginning to do the next piece?

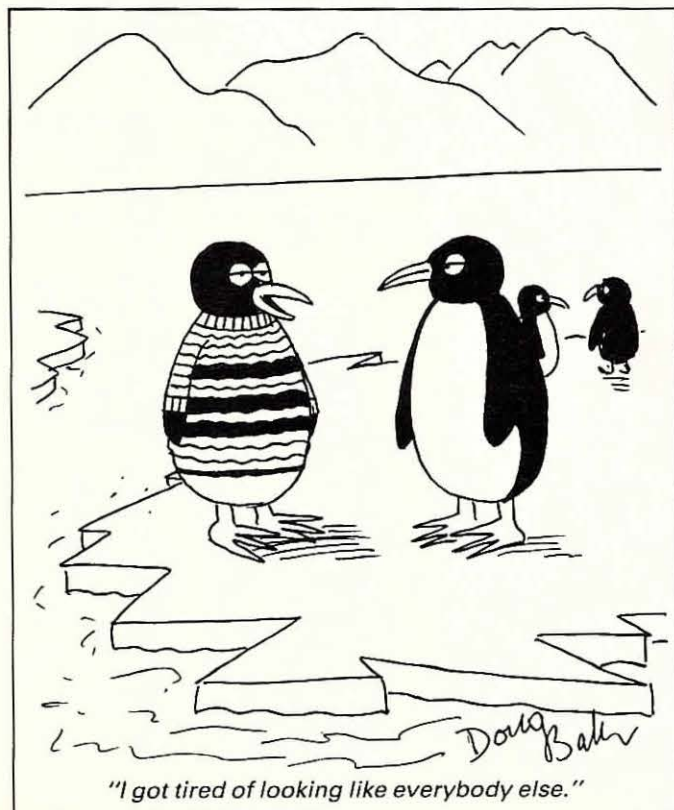
My way is to press ENT to get a row number on the console. Press CORR. Enter left and right needle numbers. When the row number shows, press 0 and ENT. The console will say RETURN - and the number of rows you have knitted. Press ENT. Now you are back at the beginning.

Which yarns are suitable for Passap or Pfaff knitting and which stitch sizes should I use for them?

A wide variety of yarns may be used on the machines, from one-ply through to double knitting, but one-ply is not suitable for stocking stitch and double knitting is definitely not suitable for every needle rib. Read as many patterns as you can in books and magazines. Make a note of the knitting techniques (needle, lock and Deco settings on the Duomatic) and the yarn and stitch sizes used. You will, in this way, build up guidelines for when you want to use a particular yarn. You may need to alter the stitch size but at least you will have a starting point from which to work.

The final one! Today everything has gone wrong with my knitting. Do you know anyone who wants to buy my machine?

The machine is wonderful! You have had an off-day. Don't sell it. Tomorrow it will produce miracles.



SHAPE NECK

Cast off 12 sts at beg of next row, K 1 row. Dec 1 st at neck edge of next and every foll alt row until 46 [48, 52, 56, 60, 62] sts rem. K 22 rows. RC shows 300. Transfer sts to front bed. Black strippers. Set lock on GX/N and stitch size to 6 1/2, K 1 row. Cast off.

RIGHT FRONT

Work as for left front to **. Place marker at left edge. K 102 rows. RC shows 252.

SHAPE NECK

Cast off 12 sts at beg of next row, K 1 row. Dec 1 st at neck edge of next and every foll alt row until 46 [48, 52, 56, 60, 62] sts rem. K 23 rows. RC shows 300. Transfer sts to front bed. Black strippers. Set lock on GX/N and stitch size to 6 1/2, K 1 row. Cast off.

SLEEVES

Handle up. Orange strippers. Set up 90 Ns on each bed at centre in WP. Arrange Ns for 1x1 rib. (E6000 - Use cast on 1.) Set lock on N/N and stitch size to 2/2. Using MC, K 1 row. Set lock on CX/CX and stitch size to 4/4, K 3 rows. Set RC at 000. Set lock on N/N, K 20 rows. Set RC at 000. Set stitch size to 5/5 and cont in patt. Cont in stripes of 4 rows C and 4 rows MC. Shape sides by inc 1 st at each end of next and every foll 4th row until there are 150 sts. K 3 rows. RC shows 120. Transfer sts to front bed. Black strippers. Set lock on GX/N and stitch size to 6 1/2, K 1 row. Cast off.

NECKBAND

Handle up. Orange strippers. Set up 110 Ns on each bed in WP. Arrange Ns for 1x1 rib. (E6000 - Use cast on 1.) Set lock on N/N and stitch size to 2/2. Using MC, K 1 row. Set lock on CX/CX and stitch size to 4/4, K 3 rows. Set RC at 000. Set lock on N/N and stitch size to 4 1/2/4 1/2, K 8 rows. Set stitch size to 3 1/2/3 1/2, K 2 rows. Set stitch size to 4/4, K 4 rows. Set stitch size to 4 1/2/4 1/2, K 8 rows. Transfer sts to front bed. Black strippers. Set lock on GX/N and stitch size to 6 1/2, K 2 rows. Using WY, K a few rows and release from machine.

BUTTONHOLE BAND

Handle down. Orange strippers. Set up 96 Ns on each bed in WP for full needle rib. Set lock on N/N and stitch size

to 2/2. Using MC, K 1 row. Set lock on CX/CX and stitch size to 3 1/2/3 1/2, K 5 rows. Set RC at 000. Set lock on N/N and stitch size to 4/4, K 8 rows. Make 7 evenly spaced buttonholes over 1 N on each bed. K 8 rows. Transfer sts to front bed. Black strippers. Set lock on GX/N and stitch size to 6 1/2, K 2 rows. Using WY, K a few rows and release from machine.

BUTTON BAND

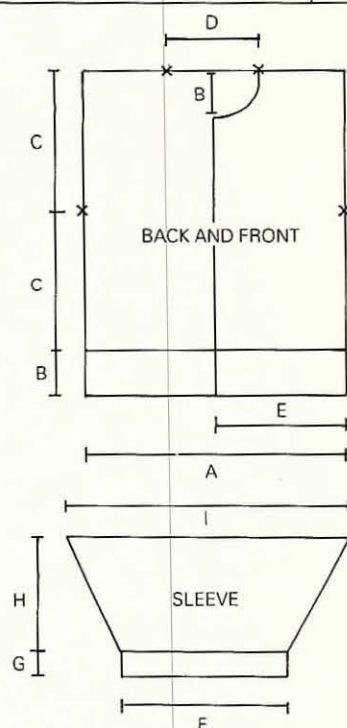
Work as for buttonhole band omitting buttonholes.

MAKING UP

Join shoulder seams. Pin neckband into position. Unravelling WY as required, backstitch through open loops of last row worked in MC. Fold in half to inside and catch down. Set in sleeves between markers. Join side and sleeve seams. Pin front bands into position. Unravelling WY as required, backstitch through open loops of last row worked in MC. Sew on buttons.



ELECTRONIC CHART



A	= 46.5 [48, 50.5, 53, 56, 57] cm
B	= 8 cm
C	= 25 cm
D	= 16 cm
E	= 23 [24, 25, 26.5, 28, 28.5] cm
F	= 30 cm
G	= 4 cm
H	= 20 cm
I	= 50 cm

8



THREAD MACHINE

Thread yarns from left to right as follows: (Use 2 strands together.)

Col 1 Dark Navy
Col 2 Baize
Col 3 Cerise
Col 4 Violet

PREPARE CARDS

On card 3 make sure you include the square in the right corner. This enables the box to recognise that the three cards are of equal size.

SWITCH ON ELECTRONICS

PROGRAM

prog		ENT
Cast on	4	ENT
All st patt	NO	ENT
St patt 'A'	Dot	ENT
Reader Card 1 Row 1		
Alter		ENT
Direct		ENT
E → m		ENT
Direct OK		ENT
Add		ENT
Add what	Dot	ENT
Reader Card 2 Row 1		ENT
Alter		ENT
Direct		ENT
E → m		ENT
3 col		ENT
Add		ENT
Add what	Dot	ENT
Reader Card 3 Row 1		ENT
Alter		ENT
Direct		ENT
E → m		ENT
Direct OK		ENT
4 col		ENT
Knit tech	207	ENT
Enlarge/		
position	NO	
All st patt		ENT
Form	NO	
L nd	70-	ENT
R nd	70	ENT
Start pos		ENT
Cast on		ENT

BACK AND FRONT ALIKE

No strippers. Handle down.
* Set Ns on front bed as program, i.e., from 70 to left of centre to 70 to the right of centre.

Put pushers on front bed to rest position.

Follow instructions on screen, i.e. locks GX/SX.

Select for 2x2 rib.

Arrange Ns on back bed as diagram 1. (Rack anti-clockwise as indicated.)

Put away unwanted pushers on front bed *.

RC 000. Locks N/LX, stitch size 2.

Col 1. Knit to left.

8 FOUR-COLOUR JACKET

PATTERN RATING

*** For fairly experienced knitters.

MACHINES

This pattern is suitable for Passap or Pfaff E6000 electronic machines.

MATERIALS

Forsell 2-ply Pure New Wool.
2 x 250g cones in Dark Navy.
1 x 250g cone in Violet.
1 x 250g cone in Baize.
Jandis 2/14 Brushed Bright Acrylic.
1 x 350g cone in Cerise.
7 buttons.

GARMENT WEIGHT

Finished garment weighs 560g.

The fibre content of Pure New Wool is 100% Pure New Wool; Jandis 2/14 Brushed Bright Acrylic is 100% Acrylic. For further information about these yarns, please write to the following address:- T. Forsell & Son Ltd Ltd., Blaby Road, South Wigston, Leicester LE8 2SG; Jandis - Hush Knit Yarns, 57 Burnside Drive, Bramcote Hills, Beeston, Nottingham NG9 3EF.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is No. 6.

MEASUREMENTS

Finished measurements of garment:
Bust 110 cm.
Length 70 cm.
Sleeve, including cuff, drop shoulder, 43 cm.

TENSION

Fair Isle fabric Knit Tech 207 (BX←→/LX).
Stitch size 5 1/2 back bed/6 front bed.
30 stitches = 10 cm.
112 rows = 10 cm.

For perfect results, please check your tension carefully.

KNITTING NOTES

Cast on comb and weights were used throughout.

Blue strippers were used.

RC refers to electronic row counter on box.

2x2 ribs (cast on 4) are knitted with double yarn, so wind off a small amount of each colour.

Use two strands together of Col 1 Navy (main colour) throughout.

Cut and Sew method is used to make two fronts from one body section.

Insert cast on comb and weights.

Stitch size 3. Knit to RC 4.

Stitch size 4. Knit to RC 6.

Insert blue strippers.

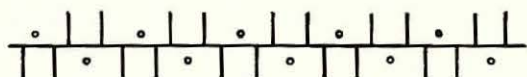
Col 2. Knit to RC 12.

Col 3. Knit to RC 18.

Col 4. Knit to RC 29. Locks on left. (Pushers on front bed into rail.)

Bring intervening Ns on front bed and back bed to WP.

DIAGRAM 1



Locks CX/CX, stitch size 5, K 2 rows.

Locks N/N, stitch size 5 1/2, K 1 row.

PREPARE FOR FAIR ISLE FABRIC

Use 2 strands tog Col 1, main yarn.

Use 1 strand each Col 2, 3 and 4. Select Patt 'A'.

Press fast forward button to select program on screen.

Press 'NO', Start Pos, Press ENT.

ABC button select Patt 'A'.

Follow screen, i.e. Lock BX←→/LX. RC 000. Knit to RC 648.

Switch off electronics.

Col 1, stitch size 4, locks N/N, K to left.

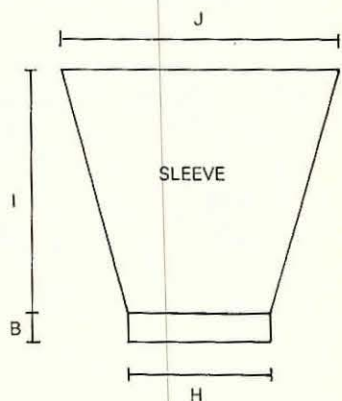
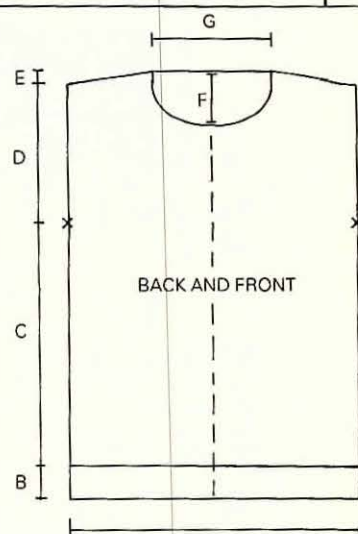
Stitch size 4 3/4, K to right.

Cast off.

SLEEVES

Use 2 strands tog of each yarn. Handle down. No stripers.

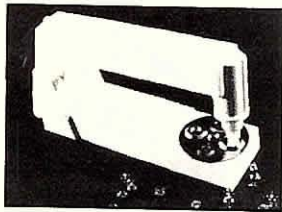
Set Ns from 34 to left of centre on front bed to 34 to right of centre.



A = 51 cm
B = 5 cm
C = 46 cm
D = 24 cm
E = 2 cm
F = 9 cm
G = 21 cm
H = 24 cm
I = 43 cm
J = 48 cm

SPECIAL OFFER

for MACHINE KNITTING MONTHLY readers



THE BEDAZZLER

The Rhinestone and Stud Setter, easy to operate, will set rhinestones and studs of a variety of sizes on to your garments very simply. It works like a stapler and with its selection of interchangeable heads it allows you to set studs and stones of different sizes.

The cost of the Bedazzler to MKM readers is £14.99. This includes not only the basic kit but a selection of 25 assorted stones and 25 Tiffany settings as well as a pack of 150 assorted studs. The Bedazzler comes with full instructions for use, 15 design patterns and a mail order form for more studs and stones. The total price of this package is just £14.99.



SEWING MACHINE

This super hand-held sewing machine is battery operated and makes short work of all those little repairs and sewing jobs. If you own a sewing machine, you will still find this one handy for such things as stitching curtains without taking them down or hemming jeans easily. If you don't own a sewing machine, this one is ideal for all your mending and sewing. The sewing machine uses four AA alkaline batteries which are not supplied but it comes complete with a battery holder, five bobbins, an extra needle, needle threader, seam ripper and extender for larger cotton spools. The price is just £9.99 each including p&p.

**To: Turner Promotions, 30 Genesta Road,
Westcliff-on-Sea, Essex SS0 8DA.
Telephone: (0702) 354618**

Please send me Bedazzler(s) at £14.99
..... Sewing Machine(s) at £9.99.

I enclose cheque/PO (payable to Turner Promotions)
for £..... (sterling cheques only please)

Name (block capitals)

Address

..... Postcode

Please allow 28 days for delivery.

This offer applies to UK only. Overseas enquiries welcome.

Switch on box.

Following cast on 4 (2x3 rib) complete rib as for back and front.

FAIR ISLE FABRIC

Use 2 strands tog Col 1, main yarn.

Use 1 strand each Col 2, 3 and 4. RC 000. Select Patt 'A'.

Increase 1 st either end on back bed and front bed (4 sts altog) on 1st and every 10th row until there are 130 Ns in WP on front bed. Cont straight to RC 376. Switch off electronics.

Locks N/N, Col 1, stitch size 4, K to left. Stitch size 4³/₄, K to right. Cast off.

Locks CX/CX, stitch size 4¹/₂/4¹/₂, K 2 rows.

Locks N/N, stitch size 4/4, K 1 row. Switch off.

BLACK STRIPPERS

Locks N/GX, stitch size 4³/₄/4³/₄, K 6 rows. Pull down yarn and hold.

Locks N/GX, K 6 rows.

WASTE YARN

K 4 rows. Pull down yarn and hold.

Locks GX/N, K 4 rows.

Break yarn and strip off machine.

BUTTONHOLE BAND

Knit as for button band but on RC 15 make buttonholes as follows:- Working from left to right and counting only the Ns in work on front bed, leave 4 Ns. * Using WY, K the next 6 sts by hand, i.e., 2 sts on front bed, 2 sts on back bed, 2 sts on front bed. Count the next 14 sts on front bed *. Rep from * to * ending with 2 Ns on the right edge. Pull ends of WY down between the beds and cont as for button band.

COLLAR

Use 2 strands tog of each yarn. Handle down. No strippers.

Rep from * to * of back and front. RC 000.

Locks N/LX, stitch size 3, Col 1, K to left.

Insert cast on comb and weights.

Stitch size 4, K to RC 4.

Stitch size 5, K to RC 6.

Insert blue strippers.

Col 2. K to RC 12.

Col 3. K to RC 18.

Col 4. K to RC 24.

To avoid a tight edge, pull a short length of Col 1 down from under machine and hold. Col 1. K to RC 30.

Stitch size 4¹/₂, K to RC 40.

Stitch size 4, K to RC 53.

Locks on left.

Put pushers on front bed into rail.

Bring all intervening Ns on back bed and front bed to WP.

Locks CX/CX, stitch size 4¹/₂, K 2 rows. Locks N/N, stitch size 4, K 1 row.

BLACK STRIPPERS

Locks N/GX, stitch size 4³/₄, K 6 rows.

Pull down yarn and hold.

Locks GX/N, K 6 rows.

WASTE YARN

K 4 rows.

Locks N/GX, K 4 rows.

Break yarn. Strip off machine.

TO MAKE UP

BUTTONHOLES

Remove WY from buttonhole band. Using matching yarn, thread through open sts. Draw up to required size. Oversew neatly to finish. Steam pieces without allowing the steamer or iron to touch fabric.

CUT AND SEW

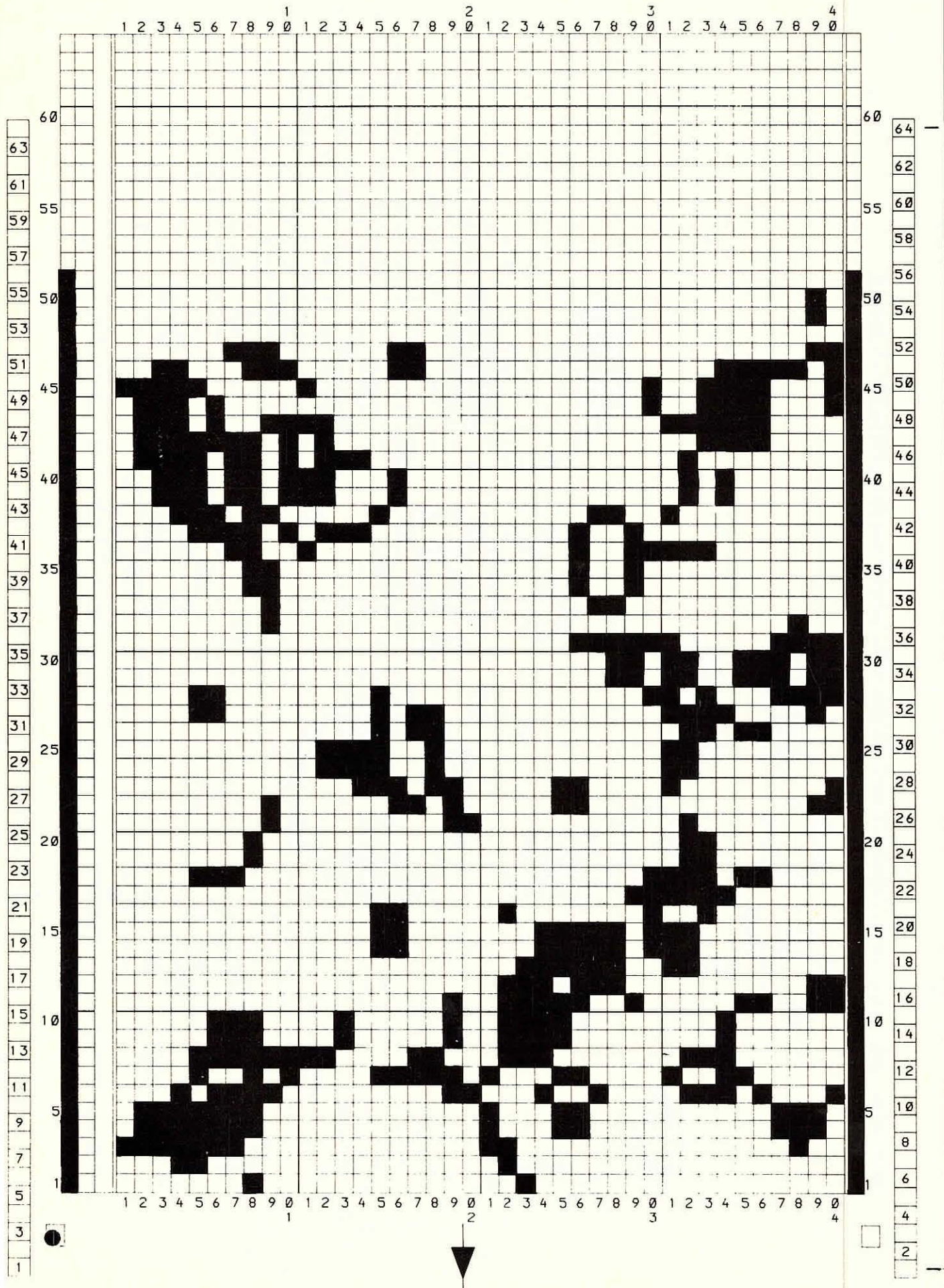
Neck dimensions. Mark centre front with pin and measure 10.5 cm either side and 9 cm down from centre pin. Mark curve with pins and sew with zig-zag on sewing machine before cutting out curve close to stitching. Mark out the centre front and stitch on either side before cutting up middle. Attach button bands with buttonholes on the right by placing the cut edge of the fabric in the envelope of button band and backstitching down as you unravel the WY. Sew the shoulders together. Attach the collar. Measure down 24 cm from shoulder and mark with pieces of yarn on both sides front and back. Attach sleeves and sew up side seams and sleeve seams. Weave in loose threads with darning needle and attach buttons.

BUTTON BAND

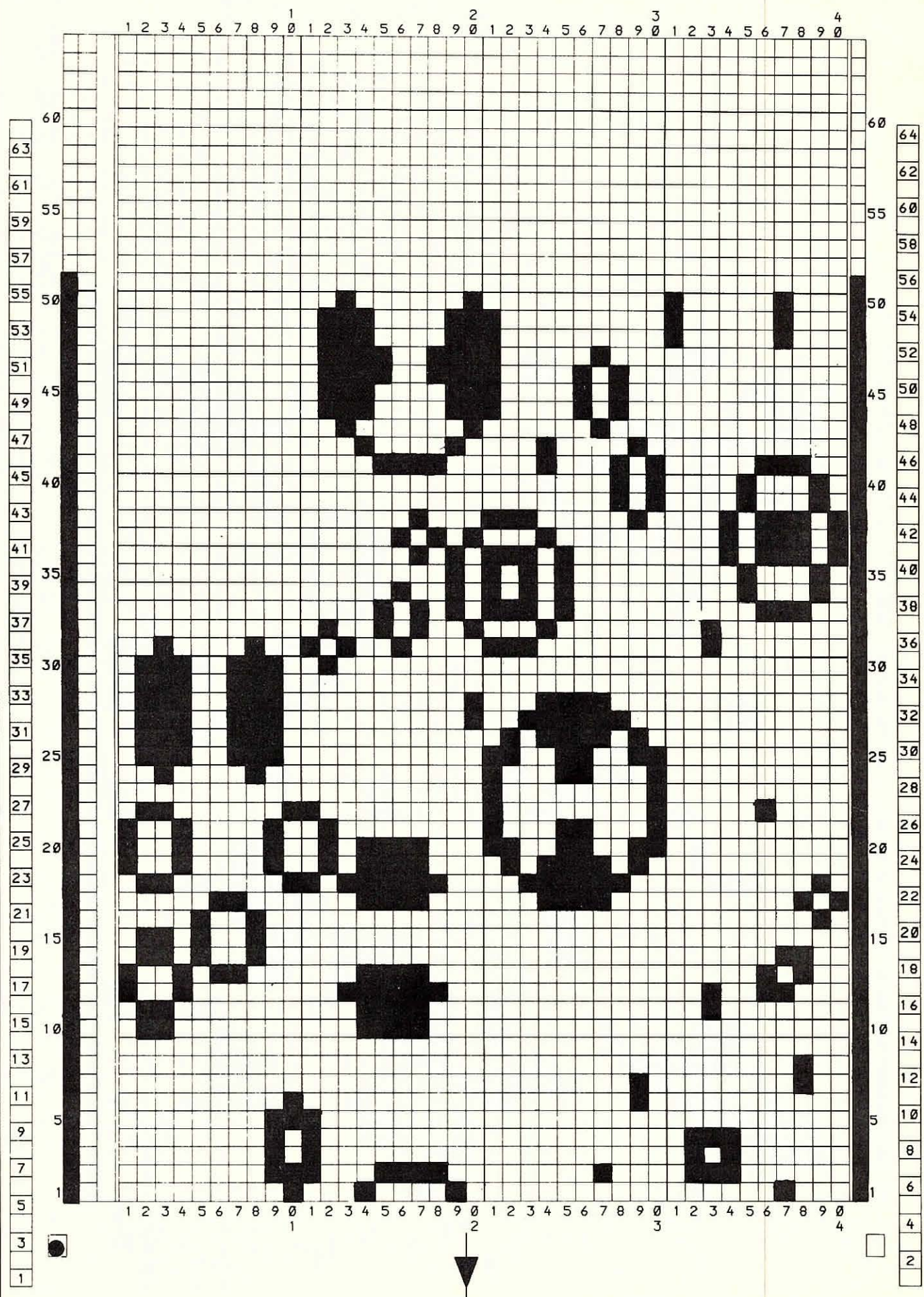
Use 2 strands tog of each yarn. Knit same as for back and front rib with Ns 88 to left of centre on front bed and 88 to right with corresponding Ns on back bed. K to RC 29. Locks on left.

Put pushers out of work on front bed and all intervening Ns to work on front bed and back bed. Col 1.

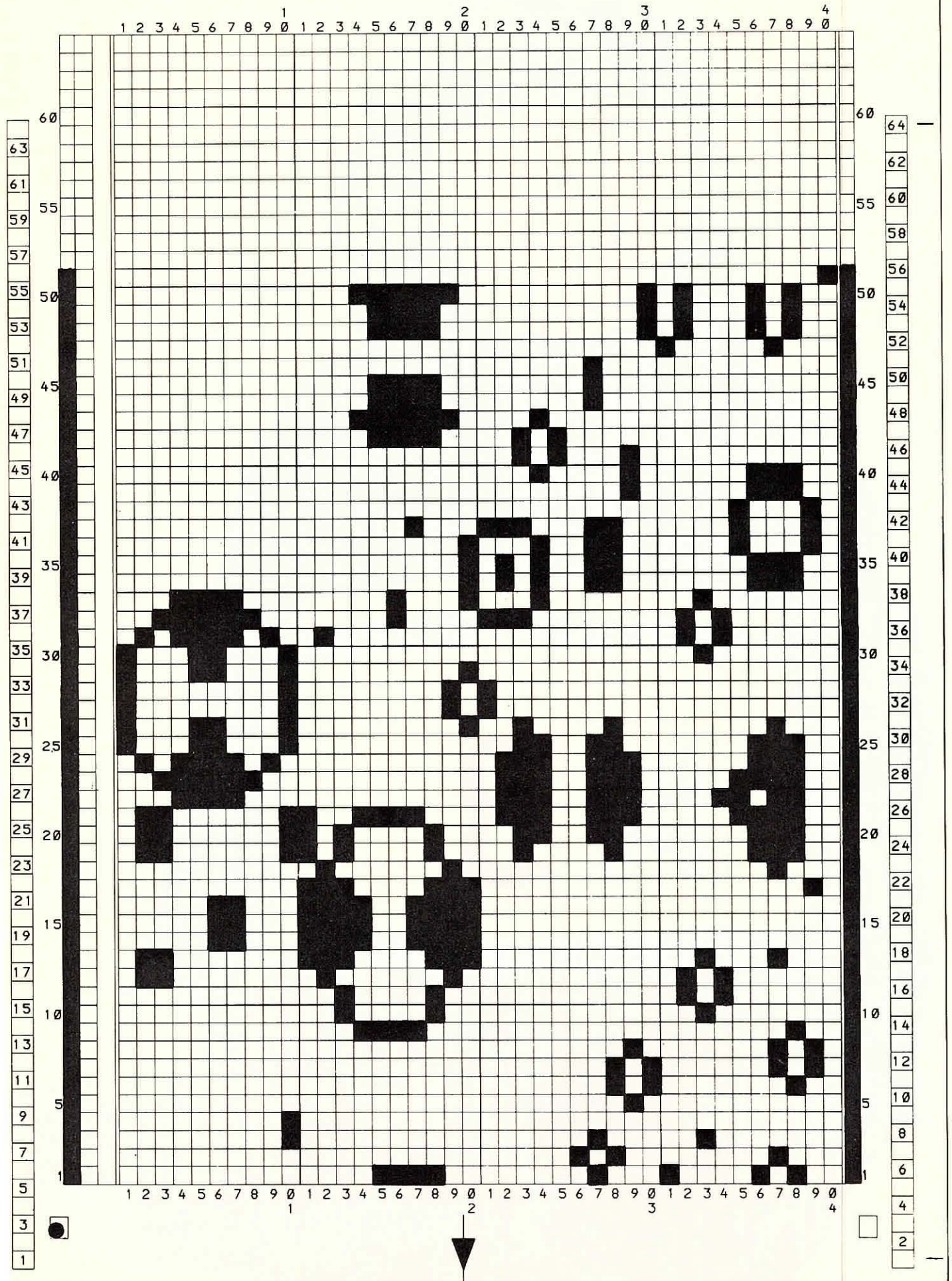
CARD No 1



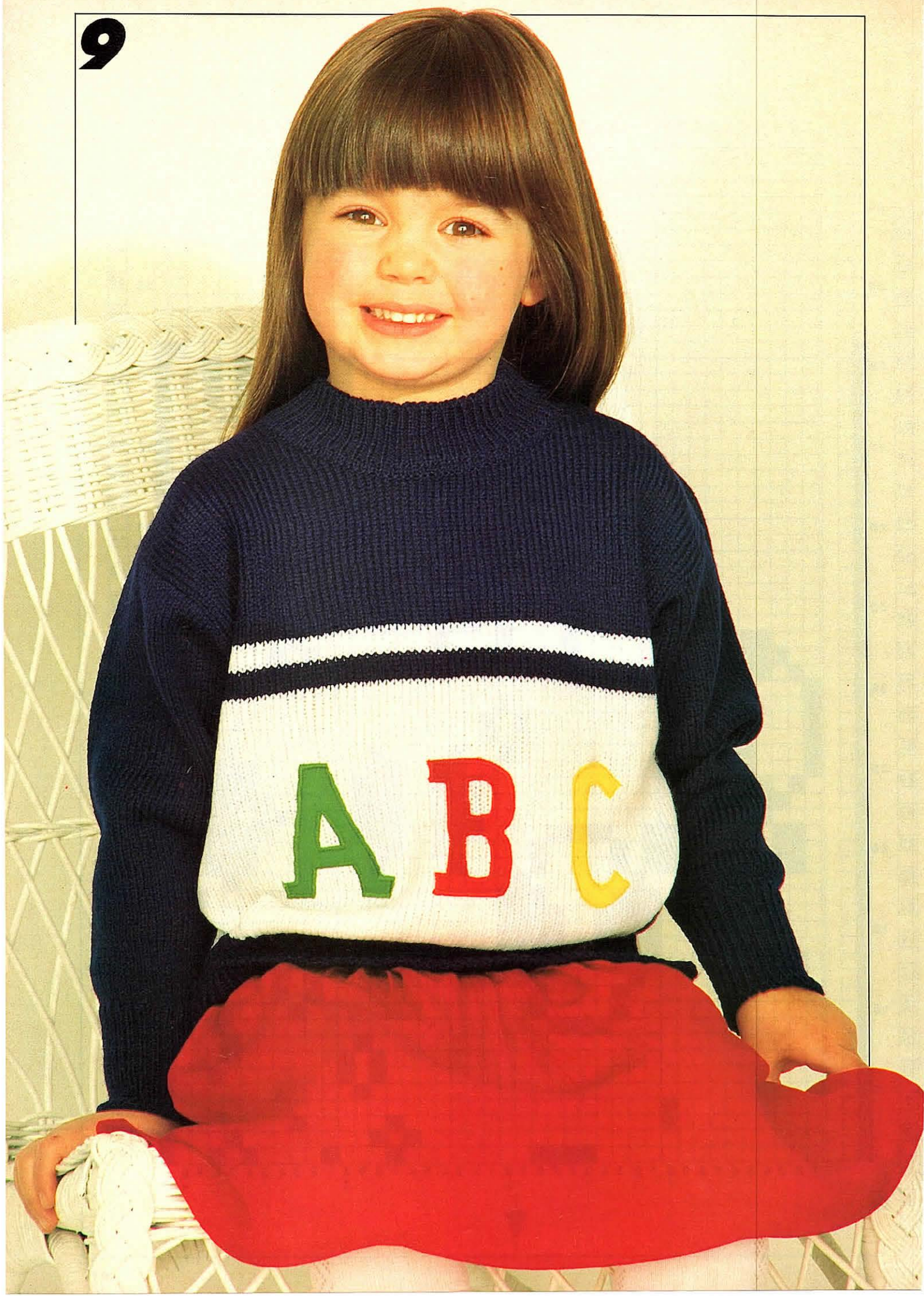
CARD No 2



CARD No 3



9



9/10 CHILD'S TRACK SUIT

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge machines with a ribber.

If you don't have a ribber, work ribs in mock rib as last page.

MATERIALS

Bramwell Fine 4-ply.

1 x 500g cone in Navy (MC).

1 x 500g cone in White (C).

Elastic to fit waist.

Red, yellow and green fabric and Vilene Bondaweb for appliqué.

GARMENT WEIGHT

Finished garment in first size weighs: Sweater 140g, Pants 145g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- F. W. Bramwell & Co. Ltd., Unit 5, Metcalf Drive, Altham Lane, Accrington BB5 5TU.

SWEATER

BACK

With carriage at right and using MC, cast on 100 [106, 114, 120, 126] sts at centre in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-5/MT-5, K 30 rows. Transfer sts for st st *. Set RC at 000 **. Using MT, K 80 [98, 110, 120, 134] rows.

SHAPE ARMHOLES

Cast off 4 sts at beg of next 2 rows. Dec 1 st at each end of every alt row until 86 [92, 100, 106, 112] sts rem. K 58 [58, 64, 64, 68] rows.

SHAPE NECK

Using a length of MC, cast off centre 28 [30, 30, 32, 32] sts. Push 29 [31, 35, 37, 40] Ns at left to HP and cont on rem sts for first side. K 1 row. Dec 1 st at beg of next row. 28 [30, 34, 36, 39] sts. K 2 rows. Cast off. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

FRONT

Work as for back to **. Using MT and C, K 74 [92, 104, 114, 128] rows. Using MC, K 6 rows. RC shows 80 [98, 110, 120, 134].

SHAPE ARMHOLES

Using C, cast off 4 sts at beg of next 2 rows. Dec 1 st at each end of every alt row until 88 [94, 102, 108, 114] sts rem. Using MC, K 1 row. Dec 1 st at each end of next row. 86 [92, 100, 106, 112] sts. K 36 [36, 42, 42, 46] rows.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is No. 11.

MEASUREMENTS

SWEATER

To fit chest 56 [61, 66, 71, 76] cm, 22 [24, 26, 28, 30] in.

Actual size 78 [83, 89, 94, 99] cm, 31 [33, 35, 37, 39] in.

Length to shoulder 40 [44, 48, 50.5, 54.5] cm, 16 [17 1/2, 19, 20, 21 1/2] in.

Sleeve seam 26 [30, 34, 38, 42] cm, 10 1/2 [12, 13 1/2, 15, 16 1/2] in.

PANTS

Actual waist size 68 [73, 78, 84, 89] cm, 27 [29, 31, 33, 35] in.

Inside leg seam 39 [44, 51, 59, 67] cm, 15 1/2 [17 1/2, 20, 23 1/2, 26 1/2] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

25 stitches and 44 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.

When shaping in HP, always take yarn round first inside N in

spond with first side, reversing shapings.

SHAPE NECK

Using a length of MC, cast off centre 14 [16, 16, 18, 18] sts. Push 36 [38, 42, 44, 47] Ns at left to HP and cont on rem sts for first side. K 1 row. Cast off 3 sts at beg of next row. K 1 row. Dec 1 st at neck edge of next and every foll alt row until 28 [30, 34, 36, 39] sts rem. K 14 rows. Cast off. With carriage at left, push rem Ns from HP to UWP. Finish to corre-

SLEEVES

With carriage at right and using MC, cast on 50 [50, 54, 54, 58] sts at centre in 1x1 rib. Work as for back from * to *. Set RC at 000. Using MT, shape sides by inc 1 st at each end of every 4th [5th, 5th, 6th,

7th] row until there are 78 [82, 62, 68, 78] sts, then on every foll 5th [6th, 6th, 7th, 8th] row until there are 90 [90, 96, 96, 100] sts. K 2 rows. RC shows 88 [106, 124, 142, 160]. Place marker at each end.

SHAPE TOP

Dec 1 st at each end of next and every foll 3rd row until 80 [80, 86, 86, 90] sts rem. K 1 row. Cast off.

NECKBAND

With carriage at right and using MC, cast on 106 [110, 110, 114, 114] sts in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-5/MT-5, K 16 rows. Transfer sts for st st. Using MT, K 2 rows. Using WY, K a few rows and release from machine.

PRESSING

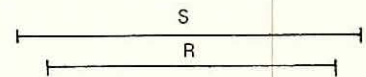
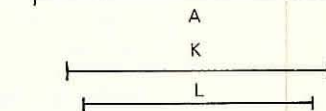
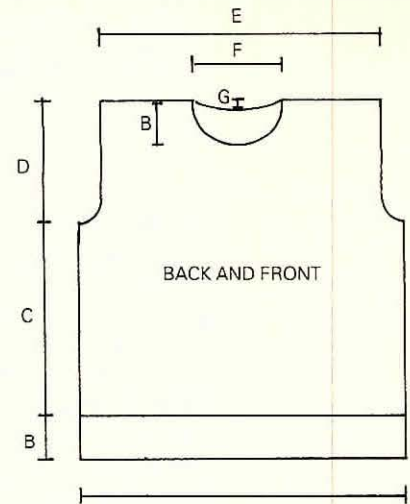
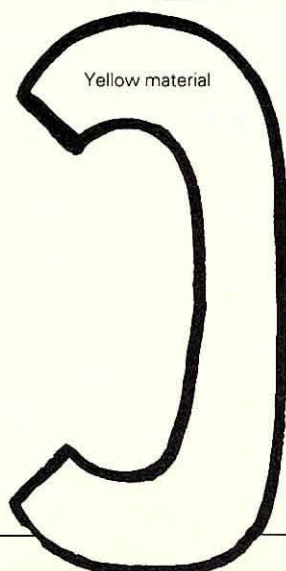
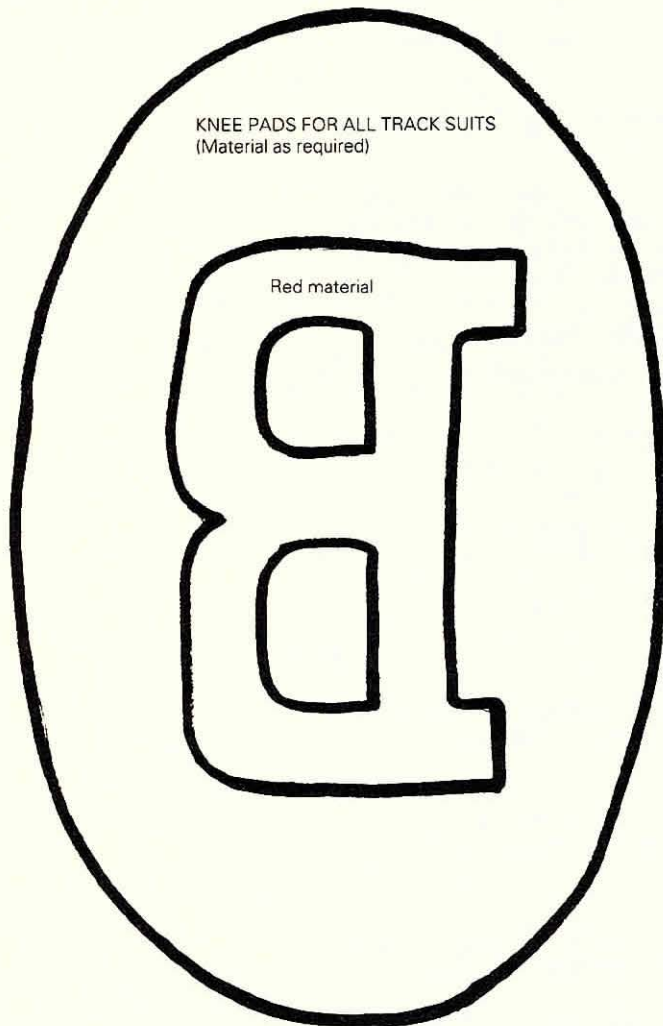
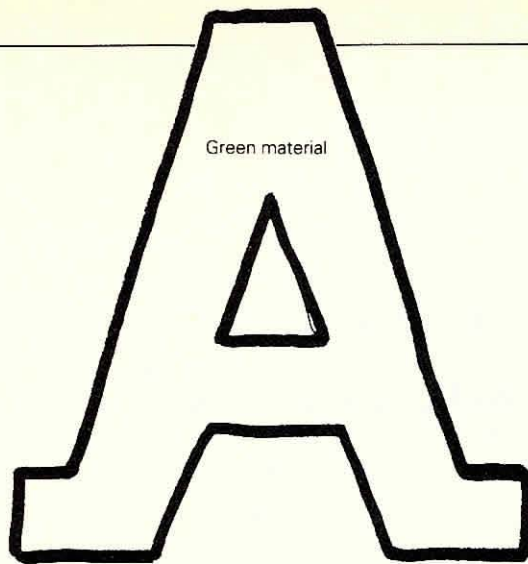
With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

APPLIQUÉ

See instructions given for pants and appliqué sweater before making up.

MAKING UP

Join shoulder seams. Set in sleeves, easing in. Join side, sleeve and neckband seam. Pin neckband into position. Unravelling WY as required, backstitch through open loops of last row worked in MC.



A = 40 [42, 45.5, 48, 50] cm	K = 36 [36, 38, 38, 40] cm
B = 6 cm	L = 32 [32, 34, 34, 36] cm
C = 18 [22, 25, 27.5, 30.5] cm	M = 30 [32, 34, 36, 38] cm
D = 16 [16, 17, 17, 18] cm	N = 36 [41, 48, 56, 64] cm
E = 34 [36.5, 40, 42, 44.5] cm	O = 18 [19, 20, 21, 22] cm
F = 12 [12.5, 12.5, 13.5, 13.5] cm	P = 2 cm
G = 1 cm	Q = 2.5 cm
H = 20 [20, 21.5, 21.5, 23] cm	R = 35 [37.5, 40, 43, 45.5] cm
I = 20 [24, 28, 32, 36] cm	S = 44 [46, 48.5, 52, 54] cm
J = 3 cm	

PANTS

RIGHT HALF

With carriage at right and using MC, cast on 76 [80, 86, 90, 96] sts at centre in 1x1 rib. Work as for back of sweater from * to *. Set RC at 000. Using MT, shape sides by inc 1 st at each end of every 9th [9th, 11th, 12th, 14th] row until there are 104 [84, 98, 118, 116] sts, then on every foll 10th [10th, 12th, 13th, 14th] row until there are 110 [116, 122, 130, 136] sts. K 2 rows. RC shows 158 [180, 212, 248, 282]. K 1 row extra for left half.

SHAPE CROTCH

Cast off 5 sts at beg of next 2 rows and 2 sts at beg of foll 2 rows. Dec 1 st at each end of every alt row until 88 [94, 100, 108, 114] sts rem. K 68 [72, 76, 80, 86] rows.

SHAPE BACK

Push 18 [19, 20, 22, 23] Ns at opposite end to carriage to HP on next and foll 3 alt rows, K 1 row. Push Ns from HP to UWP. Using MT+3, K 1 row. Using MT, K 11 rows. Cast off.

LEFT HALF

Work as for right half reversing shapings by noting alteration in number of rows worked.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

APPLIQUÉ

Remove paper from one side of Bondaweb and iron on reverse side of fabric. Cut out A, B, C and knee pad templates following diagram. Trace around letters and knee pads on to paper back of Bondaweb and cut out. Peel paper off the back of each letter and knee pads and position the letters on front of sweater and knee pads on track suit pants as in photograph. Steam press with a medium iron. Using matching thread and your sewing machine zig-zag around letters and knee pads. Steam press.

MAKING UP

Join back, front and inside leg seams. Turn in 11 rows at waist edge and catch down on inside leaving a small opening. Insert elastic and join ends. Fold ankle cuffs in half to inside and catch down.

10



TALKING POINT

STARTING OUT

Many readers rush out to buy a magazine about machine knitting because they are interested in a whole new way of knitting. It seems only fair to offer a few tips to them as beginners on what may prove to be a whole new way of life.

Shelagh Hollingworth

A BONNY BABY

You gaze fondly on your new baby as you lift it from the box and if, like me, your new machine is for making garments using from double knitting weight upwards then it will be a 'chunky' machine – a bonny baby. Overall no larger than a standard machine but with the needles set further apart, at the early stages it won't have a great deal of automation about it.

The transition from hand to machine knitting is frequently done by using a chunky machine. After all the fabric it produces looks like hand knitting, not only familiar but making it easy to see how the stitches are formed too.

First you must decide where you are going to use the machine. You will probably have thought that out before buying it. It is important to try and find a place where you can leave it set up for a long time. There's nothing worse than having to keep putting it away – even a chunky type, where there's relatively little to deal with. Anyone who uses a sewing machine will tell you the same thing. While you are learning to use a knitting machine you do need to be able to practise regularly so that if you are obliged in due course to pack it up in between use, you will be able to set it up and get down to work rapidly each time you get it out.

Every new machine comes with a manual and mine had a video too. This was the Singer 'BIG NINE' and about eighteen months later we finally

had a video player and I was interested to watch the video. It was basic but useful for beginners as a few pictures can say more than thousands of static words. Had I seen it at the beginning I think my only reaction would have been – Wow, how soon can I make that? There were lots of lovely finished garments shown. As it was, I taught myself from the manual as many people do. The more complicated the machine the more vital the available videos and classes become.

Setting up the machine is much easier if you can make it a two-person job. Take out the pieces whilst reading what each is for, not only to check everything is there but to set the details in your mind. The reason for two people is that if you set up while someone reads out the instructions you don't have to keep stopping while you read which bit comes next. However, no one can simply describe little details such as the names of the needle positions and tensions to use for different weights of yarns; once the machine is set up it's time to work at it if you want to teach yourself.

SHALL WE MAKE A SWEATER?

The average manual describes the machine parts and the

basic arrangements as described above and then launches into casting on and off. After this it usually suggests that you try making your first garment and most of us can't wait.

In retrospect I find that all that I have learned since my very first attempt at garment making is everything I needed to know before I made that sweater. Coming as I did from a history of hand-knitting I thought I ought to start the back with a welt and therefore that I must learn how to do mock rib first.

Now making mock rib, in which you cast on, say, 100 stitches, then ladder down every third stitch and, using the latch tool, knit it up again, was the slowest thing I had ever done and at that stage I was all for giving up, uttering the classic remark 'I could have knitted it quicker by hand'. This method of making rib becomes very quick later on when you have had time to practise and by the end of the second welt I was quite a dab hand. (Seeing this done on the video would have helped at the time.)

This was for a basic sweater. At the start I think I would have been happier making a simple box shape with either a hem or a crochet edge. I found shaping the neck was easy to follow (the video, I later found, was good for that too), so that the absence of ribbed edges was not important for a starting-out sweater. I really only wanted to be able to push the carriage to and fro to get the feel of the machine, I knew I wasn't likely to produce a masterpiece first go.

From experience with a number of machines I know that you can begin a garment on waste yarn then join in the main colour and eventually

pick up the first main colour row and work the welt downwards, either on the machine (to ladder and work up as rib) or even on to a pair of hand knitting needles to work hand rib at your leisure. Some manuals give this option but as a hand knitter this way of doing things was unfamiliar, except when working garments for children where it could be helpful to be able to undo the lower edges to lengthen them. (Do people still do that?)

BREAKING LOOSE

You must still be a little tied to the manual at this stage, it's quite a while before you can even cast on without checking the book each time. I overcame this at first by writing the basic details out in numbered sequence on to a large used Christmas card (now, there's a tip, used Christmas cards, cut up, make useful reminder cards) and this I kept in front of the machine to begin with, it was much more convenient than thumbing through the manual each time and after a few weeks I didn't need it any more.

Having made one or two plain sweaters, it's time to try out the various stitch patterns that are suggested in the manual. It can be tedious learning each one but it is better to know how to work them before you want to use them for a garment. Try using one at a time, practise a good bit at say, Fair Isle, then use the skill for a sweater straight away. To practise for the sake of learning how to work each stitch pattern is of little use because you will need to practise all over again before you

actually knit it into a sweater. These things only become second nature after several tries.

Making a garment with no hassle at all comes after you have become familiar with the machine and how it works (and how to oil it correctly, pick up the occasional dropped stitch or unjam the carriage), tried out the various methods for shaping and finally had plenty of practise at the pattern stitches and above all, have become able to do all these things at the same time.

In fact, all this is much easier than it sounds; after all, many people do something similar every day without a thought – they drive a car! You won't learn it all in one day. I learned to knit at my mother's knee; sadly she taught me incorrectly, I could never get my stocking stitch even – no wonder I turned to machines – just a year ago I found that I had never held the yarn in a suitable manner around my fingers and simply had no tension on it. If only I had bothered to look at the book!

Working Notes Series

Easy step by step guides on how to get the best from:

DESIGNAKNIT 5 - Stage One Colour pattern basics

DESIGNAKNIT 5 - Stage Two ... Standard shaping

DESIGNAKNIT 5 - Stage Three.. Professional shaping

DESIGNAKNIT 5 - Stage Four... Additional features

Passap/Pfaff U100E..... Learn to use it!

➔ £4.50 each

Designs on a Disk

Title:

Format:

1. African Animals and Prints

A. DESIGNAKNIT VERSION 4/5

B. brother FB100 disk drive

C. System 90 Into-Shape

2. Brother Garter Carriage Collection One

D. CUT format ~ Creation 6

E. PCX format ~ De Luxe Paint II Enhanced/Bit Knitter, etc.

3. Endangered Species

➔ £5.95 each (please specify: Title • Format • Disk size)

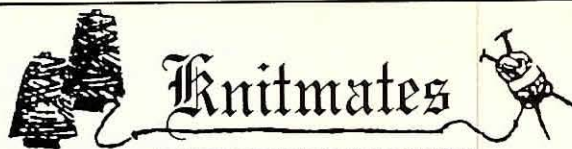
(All prices UK post free) Cheque/P.O. to...

Angela Gordon Knitwear

29 St Helens Road • Sandford • Wareham • Dorset BH20 7AX



(0929) 551073



MACHINE KNITTING CENTRE

Unit 21, Rowfant Business Centre, Wallage Lane,
Rowfant, Crawley, West Sussex RH10 4NQ
Tel: (0342) 718575

Opening Hours: Tues – Sat 10.00am to 4.30pm

KNITTING MACHINES
STOCKISTS OF
PFAFF, JONES, BROTHER
& SILVER
(Tuition arranged)
Plus ACCESSORIES

PUBLICATIONS
Our Speciality
AN EXTENSIVE
SELECTION OF
KNITTING
PUBLICATIONS

YARN WAREHOUSE
CONTAINING AN EXTENSIVE RANGE OF YARNS
SEND FOR DETAILS OF OUR LECTURES/WORKSHOPS

Come and see for yourself our spacious Demonstration
and Teaching Area

and

Our ever increasing selection of Machines, Books and Yarns

IDEAL VENUE FOR CLUB OUTINGS
CLUB VISITS ARRANGED BY APPOINTMENT



Easy Parking

Tea/Coffee Room



Access Card/Barclaycard/Credit Facilities

NS

PASSAP SYSTEM

Knitting & Pattern
Techniques –

for all Duos Vol 1.
and E6000 Knitting machines.

£7.95 + £1 p+p from :-

Kathleen Kinder

Valley View,
Station Rd.
Giggleswick,
Settle,
N.Yorks. BD24 0AB

Tel. 0729 822444

11 STRAWBERRY CARDIGAN

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber and single motif facility.

If you don't have a ribber, work ribs in mock rib as last page (adjusting as in notes).

MATERIALS

Bramwell Fine 4-ply.

1 x 500g cone in White (MC).

A small amount in Red (A) and Green (B).

4 [4, 5] buttons.

GARMENT WEIGHT

Finished garment in first size weighs 75g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- F. W. Bramwell & Co. Ltd., Unit 5, Metcalf Drive, Altham Lane, Altham, Accrington BB5 5TU.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is No. 11.

MEASUREMENTS

To fit 0-3 [6, 9-12] months.

Actual size 45 [50, 52] cm, 17 1/2 [19 1/2, 20 1/2] in.

Length to back neck 23 [24, 27] cm, 9 [9 1/2, 10 1/2] in.

Sleeve seam 14 [16, 19] cm, 5 1/2 [6 1/2, 7 1/2] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

28 stitches and 40 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.

Punch card, as shown, or fill in pattern card using punchcard as a guide, before starting to knit.

Knit two colour Fair Isle rows with first colour given in back feeder 1/A to knit background and second colour given in front feeder 2/B to knit contrast pattern.

MACHINES WITHOUT A RIBBER

Ribs - Using MT-4, K 18 rows MC and 2 rows B. Using MT, K 1 row. Using MT-4, K 2 rows. K 16 rows MC and 2 rows A. Turn up hem. Using MT+1, K 1 row MC.

SINGLE MOTIF FAIR ISLE

K 6 rows MC/A, 2 rows MC/B and 2 rows MC only (st st). These 10 rows form patt.

BACK

With carriage at right and using B, cast on 66 [72, 76] sts at centre in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-4/MT-4, K 3 rows. K 12 rows MC, 4 rows A and 1 row MC. Transfer sts for st st *. Set RC at 000. Using MT, K 40 [42, 48] rows. Place marker at each end. K 36 [38, 44] rows. RC shows 76 [80, 92]. Push 21 [23, 24] Ns at left and right to HP. Using WY, K a few rows over rem 24 [26, 28] sts and release from machine. Push 21 [23, 24] Ns at right from HP to UWP. Using WY, K a few rows and release from machine. Push 21 [23, 24] Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

RIGHT FRONT

With carriage at right, set machine for 1x1 rib. Push 17 [19, 20] Ns at left and 16 [17, 18] Ns at right of centre 0 to WP. 33 [36, 38] Ns. Push corresponding Ns on ribber to WP. Arrange Ns for 1x1 rib. Using B, cast on. Work as for back from * to *. ** Insert card and lock on first row (for single motif). Take carriage across twice without knitting. Set RC at 000. Using MT, K 4 [0, 2] rows. Release card and cont in single motif Fair Isle over centre 6 Ns. K 36 [42, 46] rows. RC shows 40 [42, 48]. Place marker at right edge.

SHAPE FRONT EDGE

Dec 1 st (1 st in) at left edge of next and every foll 3rd row until 21 [23, 24] sts rem. K 0 [1, 4] rows. Cont in st st. Using MC, K 2 [0, 0] rows. RC shows 76 [80, 92]. Using WY, K a few rows and release from machine **.

LEFT FRONT

With carriage at right, set machine for 1x1 rib. Push 16 [17, 18] Ns at left and 17 [19, 20] Ns at right of centre 0 to WP. 33 [36, 38] Ns. Push corresponding Ns on ribber to WP. Arrange Ns for 1x1 rib. Using B, cast on. Work as for back from * to *. Work as for

right front from ** to **, reversing shapings by reading left for right and right for left.

SLEEVES

With carriage at right and using B, cast on 36 [38, 38] sts at centre in 1x1 rib. Work as for back from * to *. Insert card and lock on first row (for

single motif). Take carriage across twice without knitting. Set RC at 000. Using MT, K 0 [0, 4] rows. Release card and cont in single motif Fair Isle over centre 6 Ns. Shape sides by inc 1 st (3 sts in) at each end of next and every foll 3rd [4th, 3rd] row until there are 58 [60, 70] sts. K 9 [7, 10] rows. RC shows 40 [48, 60].

SHAPE SADDLE SHOULDER

Cast off 24 [25, 30] sts at beg of next 2 rows. 10 sts. K 28 [30, 32] rows. RC shows 70 [80, 94]. Using WY, K a few rows in st st and release from machine.

TO JOIN SADDLE SHOULDERS TO SHOULDERS

Push 21 [23, 24] Ns to WP. With K side of saddle shoulder facing, pick up sts along side edge and place on to Ns. Push Ns forward until sts are behind latches. With P side of shoulder facing, replace sts on to same Ns with sts in latches. Pull second set of sts through first set. Using MC, cast off sts behind the gate pegs.

FRONT BORDER

Push 162 [168, 184] Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MT-1 and A, K 2 rows. Using MC, K 3 rows. Counting from left edge for girl or right edge for boy, make buttonholes over Ns 4, 5, 12, 13, 20, 21, 28 and 29 [4, 5, 13, 14, 22, 23, 31 and 32; 4, 5, 13, 14, 22, 23, 31, 32, 40 and 41]. K 3 rows. Using B, K 2 rows. Using MT+2, K 1 row. Using MT-1, K 2 rows. Using MC, K 3 rows. Make buttonholes over same Ns as before. K 3 rows. Using A, K 2 rows. Make a hem by placing loops of first row worked in A on to corresponding Ns. Unravel WY when work is completed. Using MT, K 1 row. With P side facing, pick up sts along front and neck edges and place on to Ns. K 1 row. Cast off behind gate pegs.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

MAKING UP

Set in sleeves between markers. Join side and sleeve seams. Neaten ends of bands. Finish buttonholes and sew on buttons to correspond.



SPOTLIGHT

SHAPING WITH DARTS

Here we explain a technique which is so important for well-fitting knitwear but rarely used in the loose, simple shapes of today's patterns.

Knitwear garments have developed into today's generally loose fitting, comfortable and easy-to-wear styles which require very little shaping, mainly because the actual knitted pieces are based upon very simple rectangles and squares. With the continuing popularity of the dropped shoulder, we no longer see many patterns for sweaters or cardigans with curved armholes and sleeve heads. Bust darts are a thing of the past and many styles even ignore the back neck shaping and shoulder slope which are so important on more fitted knitwear.

However, while modern styling has simplified the actual knitting of a garment, there are times when it is still essential to 'correct' the shape in order that it hangs well on the body. Skirts knitted from hem to waist are one example of this point. If a skirt is knitted in two straight panels, the waist edge will be too big, with an excess of knitted fabric which looks most unattractive gathered up in bulk. Moreover, if a skirt is close fitting, the straight panels tend to appear to draw in towards the knee – this is because the hip is usually the widest point, over which the

knitted fabric is slightly stretched.

To compensate for this, it may be necessary to knit darts to 'lift' the fabric into the waist. Unlike dressmaker's darts, a vertical dart on knitwear cannot be sewn since this would increase the waist bulk problem. So what is required is actually to get rid of the unwanted stitches by decreasing them vertically along the dart line. The number of darts required will vary according to the shape of the wearer. For instance, more darting will be necessary where the hip to waist ratio is quite marked – in other words, where the hips are quite large in proportion to the waist measurement.

On a two-panelled skirt the position for each dart will be approximately halfway between centre 0 and the outside edge stitches. For example, if the total number of stitches for the skirt panel is 120, the position for each dart will be at needle number 30 at each side of centre 0 (see Diagram A).

Vertical darts can be a little more tedious to knit than horizontal ones because they involve the hand transfer of stitches. To work a vertical dart, first knit to the row where the darts are to start – this is usually halfway between hip level and waist edge (see Diagram A). Transfer the stitch on each of the two dart needles one place inwards on each side towards centre 0. It is now a matter of moving all remaining stitches on each side one place over towards the centre. A multi-transfer tool is useful for this

purpose. You will finish with an empty needle on each edge – push these two needles to non-working position.

The number of rows worked between each decrease in the dart will depend upon the number of rows knitted from the base of the dart to the waist edge, in conjunction with the number of stitches you want to get rid of. Remember that a well-fitted skirt should never look skin-tight and that, if you want to avoid a zip opening, you will have to allow enough stitches, when stretched slightly, to allow for pulling the skirt over head or hips.

Let's assume that the hip depth is 20 centimetres. The darts will start approximately ten centimetres below the waist (see Diagram A). In a four ply pattern this will involve approximately 40 rows of knitting. Suppose you have worked out that you need to get rid of 40 stitches in total between waist and hip. On a two-panel skirt, with two darts on each panel, this will mean ten stitches per dart. Therefore, over 40 rows, this will involve decreasing one stitch in each dart (as described above) every four rows. By using the stitch and row tensions for the garment in question, it is possible to calculate any vertical dart shaping following the principles above.

A-line panelled skirts, not currently fashionable, also require special dart shaping to achieve the correct hang. If the basic shape of each panel is left with a straight edge at top and bottom, the length of the diagonal on the seams will cause the hemline to form

DIANE BENNETT

Video, Books and Tapes

BOOKS:

THE DESIGNAKNIT USER'S GUIDE

THE KH965 USER'S GUIDE

THE KH950/950i USER'S GUIDE

THE KH930/940 USER'S GUIDE

THE KH900 USER'S GUIDE

THE PPD USER'S GUIDE

All you need to know about Brother electronics,
DesignaKnit & PPD –

for beginners and experienced users

£6.00 each inc. p&p

USE YOUR RIBBER

SKIRTS

CHARTING DEVICES

DOUBLE BED COLOUR CHANGER –

Patterns and Techniques

SINGLE BED COLOUR CHANGER –

Patterns and Techniques

GARTER CARRIAGE – Patterns and Techniques

CHUNKY KNITTING

£5.50 each inc. p&p

THE HAGUE LINKER £3.95 inc.

VIDEO – THE HAGUE LINKER £14.95 inc. p&p

BROTHER 965, 950i, 950 and 910 CASSETTE TAPES

Tape 1 – Basic patterning, Tape 2 – Advanced, Tape 3 – Ribber

£5.35 each, set of three – £15.50

(Please state 910, 950/950i or 965)

OVERSEAS READERS – Payments can be made by Visa or MasterCard. Please state air or surface mail.

Trade enquiries welcome.

DIANE BENNETT

9 Huntley Grove, Nailsea, Bristol BS19 2UQ

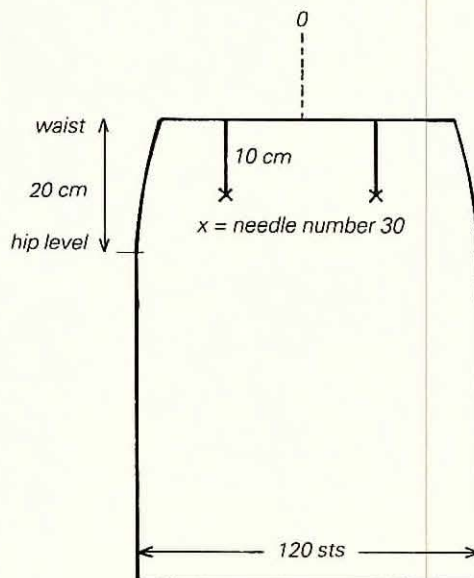


DIAGRAM A – Vertical darts on a two-panelled straight skirt

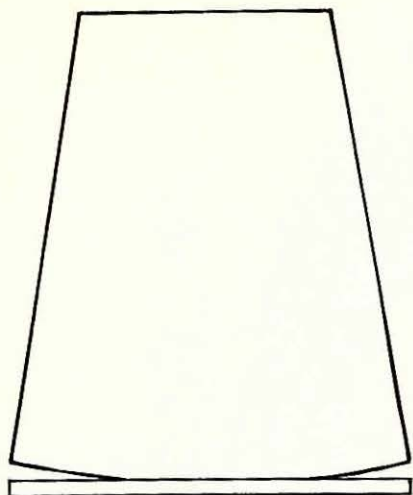


DIAGRAM B – Horizontal darts on a two-panelled A-line skirt. Darts measure approximately one third of hem width

points which dip down at each seam join. To correct this problem, horizontal darting is worked to 'lift' the diagonal panel seams towards the waist, to make them match the measurement down the 'straight grain' or centre of each panel.

These horizontal darts are usually worked on completion of the hem or welt (which has to be knitted straight). On a two-panel A-line skirt, each dart is usually marked out as approximately one third of the total hem edge measurement (it can be slightly less than this) and the depth of the dart will vary according to the amount of flare which has to be corrected. For instance, on a slightly flared A-line style, the depth for the dart on each side of the panel will be approximately two to two point five centimetres (see Diagram B). On a more flared style, the darts might be three

centimetres deep, but where a very flared skirt is wanted, the design would normally be broken down into four or six panels, in order that the number of stitches required for each panel will fit within the number of needles on the needlebed. In the case of a four-panel skirt, the darts are only worked on the diagonal seam edges (see Diagram C), whilst on a six-panel skirt, the centre front and back panels are normally knitted straight at the hem edge but the four panels positioned on each side edge will have a dart (see Diagram D).

To avoid so many seam joins, an alternative technique for very flared skirts is to knit them sideways and to use holding position and short row shaping to achieve the extra rows required at the hem edge. Sideways knitted skirts have become extremely popular amongst machine knitters

84►

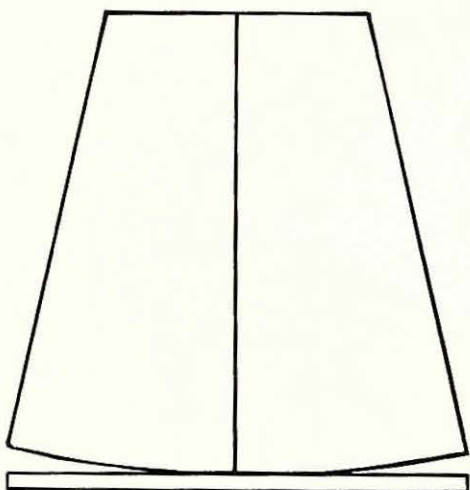
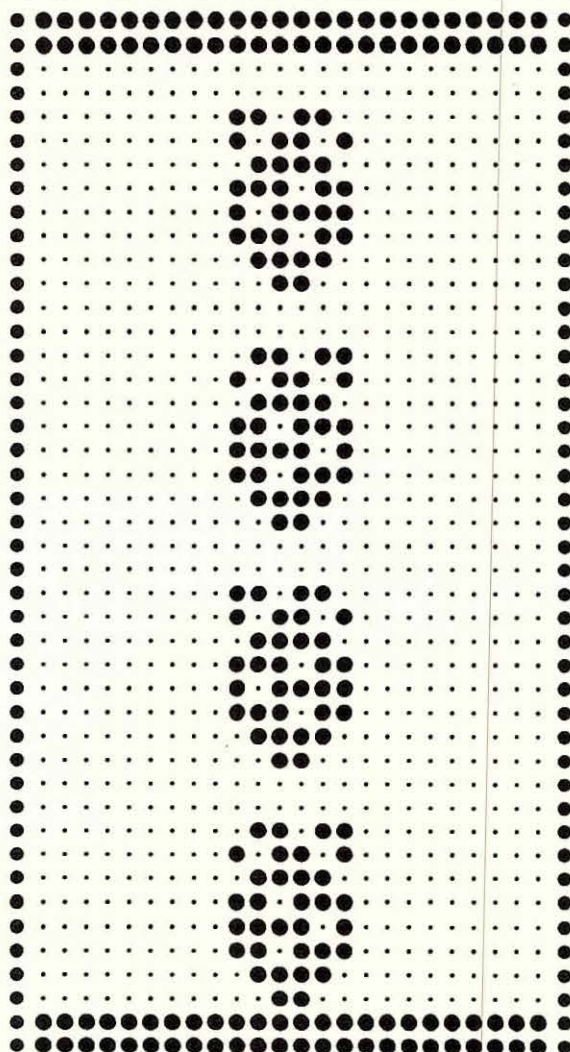
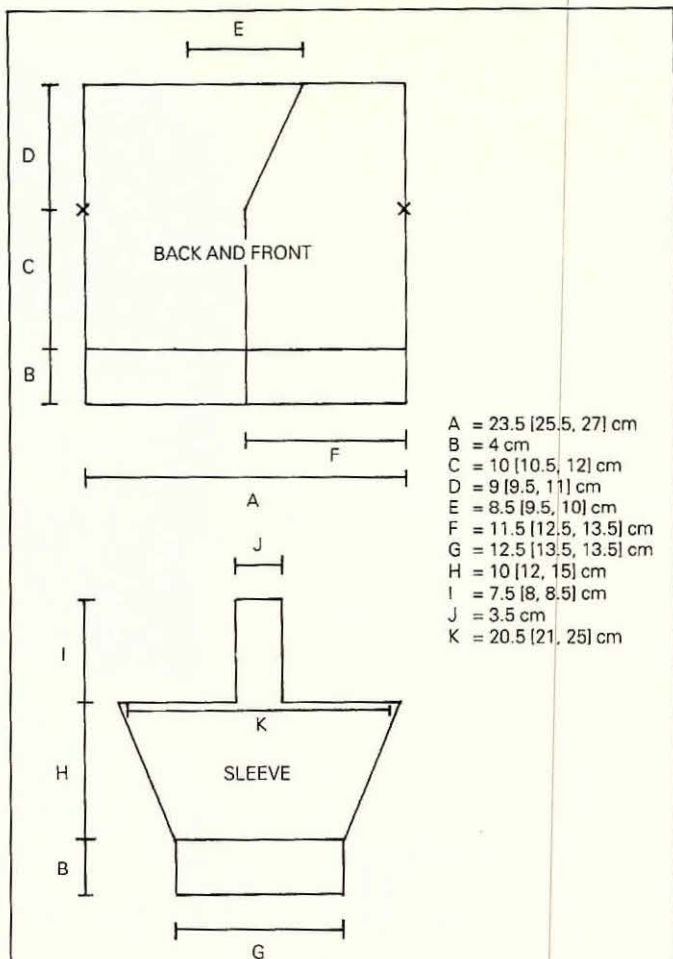


DIAGRAM C – Horizontal darts on a four-panelled A-line skirt. Darts are only worked at side seam edge of each panel



PUNCHCARD

12



12 CHILD'S TUCK STITCH SWEATER

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with or without a ribber.

MATERIALS

Spectrum Linaria.
1 x 500g cone in Green or Yellow (MY).

GARMENT WEIGHT

Finished garment in third size weighs 175g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- Spectrum Yarns Limited, Spa Mills, New Street, Slaithwaite, Huddersfield HD7 5BB.

ABBREVIATIONS AND YARN THICKNESS

See information on last page. For thickness, Yarn Guide equivalent is No. 11.

MEASUREMENTS

To fit chest 56 [61, 66, 71, 76, 82] cm, 22 [24, 26, 28, 30, 32] in.

Actual size 65 [70, 75, 80, 85, 90] cm, 25½ [27½, 29½, 31½, 33½, 35½] in.

Length to shoulder 36 [41, 46, 51, 56, 57] cm, 14¼ [16, 18, 20, 22, 22½] in.

Sleeve seam 24 [28, 33, 38, 43, 43] cm, 9½ [11, 13, 15, 17, 17] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

24 stitches and 60 rows to 10 cm, 4 in measured over tuck stitch (tension dial approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used purl side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.

To make this pattern the same at each side an extra stitch is required. For most machines the extra stitch should be at the right, but this may vary.

SILVER REED ELECTRONIC MACHINES

Set pattern width indicator at 4. Place needle 1 cam at centre 0 and point cams 2 Ns in from each edge. Press button 1 (right light on) and button 2 (left light on 580 machines, right light on other models).

BROTHER ELECTRONIC MACHINES

Position patterns at each side of centre 0.

[34, 32, 36, 40, 44] rows. 18 [18, 24, 24, 30, 30] rows less have been worked to shoulder than on back.

SHAPE NECK

Note patt row on card. Using nylon cord, K 36 [38, 39, 41, 43, 45] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. Dec 1

st (2 sts in) at neck edge on every alt row until 15 [16, 17, 19, 20, 21] sts rem. K 5 [4, 6, 6, 8, 8] rows.

SHAPE SHOULDER

Cast off 2 [2, 3, 3, 3, 3] sts at beg of next and foll 4 alt rows. K 1 row. Cast off rem 5 [6, 2, 4, 5, 6] sts. With carriage at right, unravel nylon cord over 15 [15,

13, 13, 11, 13] Ns at right, bringing Ns back to WP. Using WY, K a few rows in st st and release from machine. With carriage at right, unravel nylon cord over rem Ns bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in tuck st patt. Finish to correspond with first side, reversing shapings.

SLEEVES

MACHINES WITH RIBBER

With ribber in position and carriage at right, set machine for 1x1 rib. Push 18 [19, 20, 21, 22, 23] Ns at left and 19 [20, 21, 22, 23, 24] Ns at right of centre 0 to WP. 37 [39, 41, 43, 45, 47] Ns. Work as for back from * to *.

MACHINES WITHOUT RIBBER

Push 17 [19, 20, 20, 22, 23] Ns at left and 18 [19, 21, 21, 22, 24] Ns at right of centre 0 to WP. 35 [38, 41, 41, 44, 47] Ns. Work as for back from * to *.

1st AND 4th SIZES

Inc 1 st at each end.

2nd AND 5th SIZES

Inc 1 st at right edge.

ALL SIZES

37 [39, 41, 43, 45, 47] sts.

ALL MACHINES

Insert card and lock on 1st [1st, 3rd, 5th, 1st, 1st] row. Take carriage across twice without knitting. Set RC at 000. Using MT, K 1 row. Release card and cont in tuck st patt. Shape sides by inc 1 st (2 sts in) at each end of every 8th [9th, 11th, 12th, 13th, 13th] row until there are 61 [65, 69, 73, 77, 79] sts. K 11 [14, 7, 11, 13, 13] rows. RC shows 108 [132, 162, 192, 222, 222].

SHAPE TOP

Cast off 4 sts at beg of next 2 rows. Dec 1 st (2 sts in) at each end of every 4th row until 43 [45, 47, 49, 45, 43] sts rem, then on every foll alt row until 25 sts rem. Cast off.

NECKBAND

Join right shoulder seam. Push 80 [86, 92, 98, 104, 110]

BACK

MACHINES WITH RIBBER

With ribber in position and carriage at right, set machine for 1x1 rib. Push 40 [43, 46, 49, 52, 55] Ns at left and right of centre 0 to WP. 80 [86, 92, 98, 104, 110] Ns. * Push corresponding Ns on ribber to WP. Arrange Ns for 1x1 rib. Using MY, cast on and K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-4/MT-4, K 32 rows. Transfer sts for st st *.

MACHINES WITHOUT RIBBER

Push 40 [43, 46, 49, 52, 55] Ns left and right of centre 0 to WP. 80 [86, 92, 98, 104, 110] Ns. * Push every 3rd N back to NWP. Using MT and WY, cast on and K a few rows ending with carriage at left. Set RC at 000. Using MT-2 and MY, K 55 rows. Push Ns from NWP to WP and make a hem by placing loops of first row worked in MY evenly along the row. Unravel WY when work is completed *.

ALL MACHINES

Inc 1 st at right edge. 81 [87, 93, 99, 105, 111] sts. Insert card and lock on first row. Take carriage across twice without knitting. Set RC at 000. Using MT, K 1 row. Release card and cont in tuck st patt. K 107 [131, 155, 179, 197, 197] rows. RC shows 108 [132, 156, 180, 198, 198].

SHAPE ARMHOLES

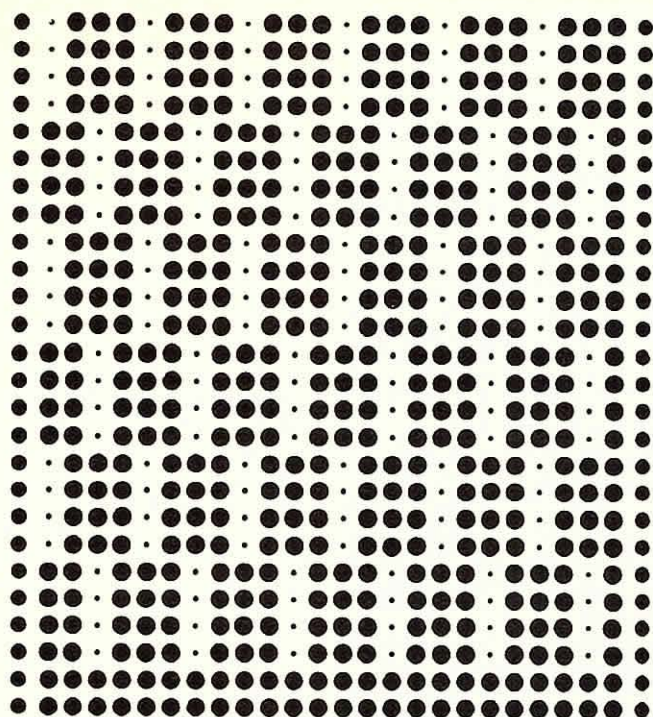
Cast off 4 sts at beg of next 2 rows. Dec 1 st (2 sts in) at each end of every alt row until 61 [67, 71, 75, 79, 83] sts rem, then on every foll 4th row until 57 [61, 65, 69, 73, 77] sts rem. ** K 50 [52, 56, 60, 70, 74] rows. RC shows 180 [210, 240, 270, 300, 306].

SHAPE SHOULDERS

Cast off 2 [2, 3, 3, 3, 3] sts at beg of next 10 rows and 5 [6, 2, 4, 5, 6] sts at beg of foll 2 rows. Using WY, K a few rows in st st over rem 27 [29, 31, 31, 33, 35] sts and release from machine.

FRONT

Work as for back to **. K 32



PUNCHCARD CHART



ELECTRONIC CHART

DUET INTERNATIONAL

Are you a **PASSAP** or **PFAFF** knitter?

If the answer is yes, then you need **DUET International Magazine**.

The only quarterly, full colour 72 page magazine dedicated entirely to the Passap System

Articles, hints, tips, patterns, Form Computer information, letters, latest news from the factory and Passap USA, Canada, Australia etc.

Patterns & articles from all over the world.

AND MUCH, MUCH MORE!

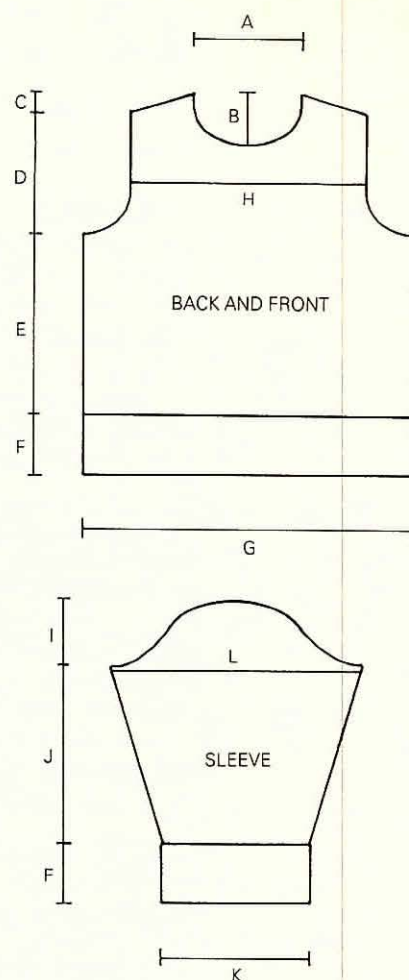
including the "Help-Line" Service

AVAILABLE FROM MANY KNITTING MACHINE STORES THROUGHOUT THE WORLD or by Direct Subscription (£16.00 U.K. or £30.00 overseas by Air Mail)

STERLING currency only. or Access. MasterCard. Visa

Please send remittance to:

DUET MAGAZINE, 7 Flambard Road,
POOLE, Dorset, England BH14 8SU.



A	= 11 [12, 12.5, 12.5, 13.5, 14.5] cm
B	= 5 [5, 6, 6, 7, 7] cm
C	= 2 cm
D	= 12 [13, 14, 15, 17, 18] cm
E	= 18 [22, 26, 30, 33, 33] cm
F	= 6 cm
G	= 33.5 [36, 38.5, 41, 43.5, 46] cm
H	= 23.5 [25, 27, 28.5, 30, 32] cm
I	= 6.5 [7.5, 8.5, 9.5, 11.5, 12.5] cm
J	= 18 [22, 27, 32, 37, 37] cm
K	= 15 [16, 17, 17.5, 18.5, 19.5] cm
L	= 25 [27, 28.5, 30, 32, 32.5] cm

Ns to WP. With P side facing, pick, up 16 [18, 19, 22, 24, 25] sts down left side of neck, 15 [15, 13, 13, 11, 13] sts across front, inc 1 [1, 3, 3, 3, 3] sts evenly, 16 [18, 19, 22, 24, 25] sts up right side of neck and 27 [29, 31, 31, 33, 35] sts across back neck, inc 5 [5, 7, 7, 9, 9] sts evenly and place on to Ns. Unravel WY. Set RC at 000. Using MT and MY, K 1 row.

MACHINES WITH RIBBER

With ribber in position, set machine for 1x1 rib. Transfer every alt st on to corresponding Ns on ribber. Cont in 1x1 rib. Using MT-4/MT-4, K 28 rows. Transfer sts for st st. Using MT, K 2 rows. Using WY, K a few rows and release from machine.

MACHINES WITHOUT RIBBER

Transfer every 3rd st on to adjacent N and push empty Ns

to NWP. Using MT-1, K 5 rows. Using MT-2, K 15 rows. Using MT-1, K 4 rows. Push Ns from NWP to WP and place loop from row below adjacent st on to empty N. Using MT, K 2 rows. Using WY, K a few rows and release from machine.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

MAKING UP

Join left shoulder, neckband, side and sleeve seams. Set in sleeves. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MY.



**IF YOU ENJOY MACHINE KNITTING
MONTHLY, HAVE YOU TRIED**



IN EVERY ISSUE

*Creative and fashionable knitwear
patterns for all the family
PLUS exclusive designs from the

SILVER REED
INTERNATIONAL COLLECTION.

*Regular features offering plenty of
creative inspiration and designer detail
for that individual look

Knitting Tips, Techniques & Finishes to
improve your skills.

*Special features and advice
for **SILVER REED** owners

**THE MACHINE KNITTING
MAGAZINE WITH STYLE
ORDER YOUR COPY FROM YOUR
NEWSAGENT NOW
ONLY £1.50 PER MONTH**

For a U.K. subscription complete the coupon clearly in block
letters and send it with a cheque/PO for £18.00 (overseas
prices on application) to: MODERN MACHINE KNITTING,
3 Bridge Avenue, Maidenhead, Berkshire SL6 1RR



☐ I wish to pay by Visa/Access, please charge my
account. My card number is

☐

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Signature _____ Expiry Date _____

Name (on credit card) _____

Name (subscriber) _____

Address _____

Postcode _____

Telephone No. _____

Please start with the _____ issue

Post coupon or use separate paper to avoid cutting magazine

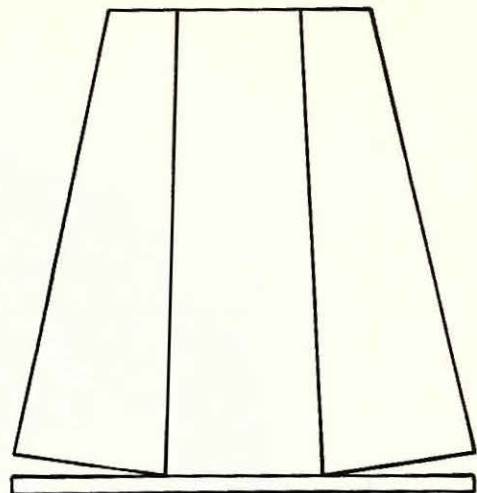


DIAGRAM D – Horizontal darts on a six-panelled A-line skirt. Darts are
worked on the outside edge of the four side seam panels but not on
the centre front or back panels

– they are easy to knit, can be
made in a variety of styles
from straight to very flared
(with the added advantage of
having no bulk at the waist)
and are easy to adapt for any
size.

However, let us return to
the A-line, which also uses
holding position and short row
shaping to make the horizon-
tal darts above the hem. Sup-
posing the skirt panel has 150
stitches at the hem, the darts
on each side will be worked
over 50 stitches and, if the
yarn is a four ply with approxi-
mately 40 rows to ten cen-
timetres, the number of rows
worked for the darts will be
approximately ten. Short row
shaping is worked by moving
needles either into hold or
from hold back into working
position. Since the needles
can only be moved when the
carriage is on the opposite
side, this means that shaping
on each side has to take place
on alternate rows. For a dart
worked over ten rows, there

are five alternate rows to work
the shaping. For a dart 50
stitches in width, the needles
will therefore be moved into
holding position in groups of
ten.

Either set the carriage for
hold and bring each group of
ten needles at the opposite
end to the carriage to holding
position until 50 needles are in
hold on each side, then cancel
the hold setting and continue
over all stitches OR, on com-
pletion of the hem, set the car-
riage for holding position and
bring all 50 needles (opposite
the carriage end) to holding
position on the first two rows.
Then return each inside group
of ten needles back to upper-
working position (opposite the
carriage end) until all needles
are back in working position.
Both methods achieve the
same effect. On each row,
remember to wrap the yarn
under the first inside needle in
holding position (at the same
end as the carriage) before
knitting the next row – this

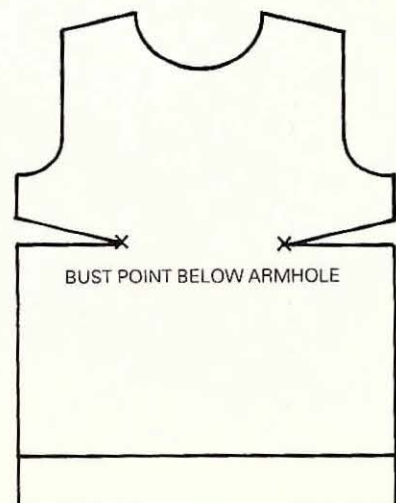


DIAGRAM E – Horizontal bust darts

prevents a hole from forming between each group of needles in the shaping. The end result is a curved hemline which hangs nicely on the body.

The same techniques described above can be used when shaping becomes necessary to make a garment fit the figure more comfortably. For instance, where a large bust requires extra fullness which is NOT needed at the waist or shoulders, the short row technique can be used to create horizontal bust darts. By working a bust dart at each edge, more rows are built up across the central area of the garment to accommodate the shape of the bust (see *Diagram E*). To position the darts, simply measure the appropriate distance below the armhole point (to correspond with the bust point) and work out the rows from your tension swatch. The length of the dart will depend upon the fullness of the bust and should be calculated from your stitch tension. The depth of the bust dart can also be adapted to suit the bust shape, using more short rows as necessary to suit the fuller figure.

In a similar fashion, there are times when short rows can be used to correct a basic garment shape to suit a body which does not conform to the 'standard' fitting. For instance, very round shoulders or a stooped back make a basic sweater or cardigan shape uncomfortable, causing it to 'ride' up across the back. By using short row shaping, it is easy to produce the extra rows necessary for covering the curve of the spine. Here, horizontal darning can be worked up the side seams. The back piece will still match the garment front at the side seams but the short row shaping of the darts creates the extra rows necessary to 'elongate' the centre back.

Precise calculations for this will really depend upon the individual body shape and size. It may only be necessary to add the short rows for the upper part of the back. If the shoulders are narrow, a set-in sleeve style will be more suitable than a dropped shoulder line and a series of horizontal darts should be worked within the armhole area. How far these darts have to extend towards the centre back will depend upon the curve of the back.

To ascertain the curve of the

back, measure from the back neck point (top of shoulder at neck edge) to the position required for the hem or welt of the garment. Do the same for the front and note down the difference. Convert the extra measurement into rows from your tension swatch. For instance, if you have 40 rows to ten centimetres (that is, four rows per centimetre) with a back nine centimetres longer than the front, multiply the nine centimetres by four rows per centimetre (your row tension) to find out the additional rows required. In this example it will be 36 extra rows, which could be worked as three darts of 12 rows or six darts of six rows - spaced evenly within each armhole depth. The principles for working out the groups of holding position needles in each dart are the same as for horizontal darts on the A-line skirt panel. In this case there will be either six or three alternate rows to work each dart shaping.

On a sideways knitted garment, short row shaping can be used to make shoulder darts at the appropriate edge of the work. This is useful where a flared style top or jacket is wanted. The darts on the shoulders will draw that edge in for a good fit whilst the rows knitted over all needles build up at the opposite edge to produce the flare.

Wherever you decide to use darts, remember that they will affect the patterning to some extent, so for the best results, they are ideally worked on plain stocking stitch fabrics, where all that will be noticed, on close inspection, is a slight change in the direction in which the stitches travel along the course of the dart line. With a little planning, it is possible to avoid problems by excluding patterning from the dart area. On a sweater, for example, an attractive border could be knitted above the welt, finishing well below the start of a required bust dart. Alternatively, work the lower half of the garment plain and knit a yoke in pattern above the armhole point. On a skirt which requires hem darts as well as a border pattern, work the border immediately above the hem, then shape the darts above the border where the plain knitting begins. The planning and positioning of the darts will result in a professional-looking garment with the fitting you require. You'll find it well worthwhile.

BACK ISSUES

We still have some back issues of the magazine for readers who may have missed one or more copies but if the issue you want is not listed below, we regret it is now out of print.



1990 (1989) SPECIAL OFFER 75p per copy

February	☐	September	☐	December	☐
March	☐	October	☐	September '89	☐
August	☐	November	☐	October '89	☐

1991 SPECIAL OFFER 75p per copy

February	☐	July	☐	October	☐
March	☐	August	☐	November	☐
May	☐	September	☐	December	☐
June	☐				

1992 SPECIAL OFFER 75p per copy

January	☐	May	☐	September	☐
February	☐	June	☐	October	☐
March	☐	July	☐	November	☐
April	☐	August	☐	December	☐

1993 £1.60 per copy

January	☐	March	☐	May	☐
February	☐	April	☐		

PLEASE ADD POSTAGE & PACKING

UK & BFPO

1 copy add 45p. 2 copies add 80p. 3 copies add £1.30. 4 or more copies £1.75.

OVERSEAS

Add 75p per copy for surface mail. £2 per copy for Airmail.

Please fill in the appropriate boxes with the number of copies required, add postage to the cost and send your order to:

Machine Knitting Monthly, 3 Bridge Avenue, Maidenhead, Berkshire SL6 1RR.

Name: _____

PLEASE COMPLETE THIS FORM CLEARLY IN BLOCK LETTERS

Address: _____

Postcode: _____

I enclose a cheque/PO for £..... (Sterling cheques only please)

I wish to pay by Access/Visa. ☐

Expiry date:/.....

Card No.

Signed _____

* Post complete form or use separate paper to avoid cutting magazine.

New on the bookstalls



NEW
BI-MONTHLY
AVAILABLE
FROM JAN '93

THE GOOD NEWS

From January '93 the NEW 'TO & FRO' combines the two original To & Fro and To & Fro Electronic titles into ONE bumper 64 page BI-MONTHLY magazine for ALL machine knitters. For the first time, TO & FRO will be available from the newsagents for just £1.75 each issue, or you can opt to pay one year's subscription by filling in the coupon opposite.

Good things start to happen when the right people get together. There is no substitute for experience and when someone says 'I know how you feel—it happened to me', you know you are already halfway towards getting it all sorted out and in perspective. We all need information, patterns, new things to learn and new techniques to keep our machines zipping away, but we also need encouragement, a lift to our morale from time to time and lots of confidence boosting . . .

**It's bound to be a
sell-out so order a
copy from your
newsagent NOW!**

THE FRIENDLY MAGAZINE THAT WELCOMES ALL MACHINE KNITTERS

TO&FRO

MACHINE KNITTING

- 64 PAGE BI-MONTHLY MAGAZINE
- HINTS, TIPS, PATTERNS, COMPETITIONS, UP-TO-DATE NEWS, ADVICE AND READERS' LETTERS
- A FULL TEAM OF EXPERTS COVERING ALL MAKES OF KNITTING MACHINE
- OVERSEAS READERS AND CONTRIBUTORS WELCOME
- SPECIAL OFFERS — EXCLUSIVE TO **TO & FRO** READERS
- **FREE** PERSONAL HELPLINE



- WE OFFER A PERSONAL AND FRIENDLY SERVICE TO ALL MACHINE KNITTERS
- **TO & FRO** IS PUBLISHED IN FEB/MARCH, APRIL/MAY, JUNE/JULY, AUG/SEPT, OCT/NOV, DEC/JAN

DON'T DELAY JOIN TODAY!

TO&FRO

MACHINE KNITTING

TO & FRO SUBSCRIPTION

United Kingdom £10.50 ☐

Overseas Air Mail £20.00 ☐ Surface Mail £15.00 ☐

Please send this form with your cheque (sterling only) made payable to **To & Fro** to:

3 Bridge Avenue, Maidenhead, Berkshire SL6 1RR

I wish to pay by Access/Visa. Please charge my account.

My card number is:-

Expiry date

Name on credit card

Signature

Name

Address

Postcode

Telephone no.



PICTURE POSTCARD PONCHO:
Statue of Liberty.
Front view, machine knit, 1986.
Permanent collection, Museum
of the Statue of Liberty, New
York City.

AMERICAN LECTURE TOUR

This month sees the welcome return of American Susanna Lewis for a three-week workshop and lecture tour.

Starting at the machine knitting centre in Eversley, Hampshire on Saturday 5 June, Susanna will be visiting colleges and museums around the country from York and Leeds down to Sussex, Kent and Essex.

Her lectures and workshops will cover such topics as hand decorating techniques, rib jacquard for Japanese knitting machines, automated gar-

ment shaping for electronics and the intricacies of lace-like fabrics.

ABOUT SUSANNA

Susanna lives in New York but is well-known to machine knitters in this country as well as in America, Australia and Canada for her stylish and polished lecture tours and work-

SUSANNA LEWIS WORKSHOP LECTURE TOUR 1993

The Friends of the Knitting & Crochet Guild (contact Mavis Walker, 3 Gale Drive, Lightwater, Surrey GU18 5TX. Tel: 0276 471124 evenings and weekends) are pleased to announce the following dates and locations for Susanna's 1993 tour. Interested knitters should contact the individual organisers as listed for details, booking forms and so on.

Saturday 5th June 1993 - Machine Knitting Centre, Lindum Nurseries, Eversley, Hampshire. One-day lecture-demonstration on 'Lace and Lace-like Fabrics'. Contact Jenny Barker (0734 733138) or Mavis Walker (0276 471124).

Tuesday 8th to Thursday 10th June 1993 - Bromley Adult Education College, Kent. Three-day workshop (bring your machine) on 'Automated Garment Shaping for Electronics' - for Brother electronic machines. Contact the college (081-462 9184).

Sunday 13th June 1993 - Yorkshire Agricultural Museum, York. Slide lecture on 'Hand Decorating Techniques' for all types of knitting machines. Contact Pam Spooner (0977 684150).

Monday 14th to Wednesday 16th June 1993 - Yorkshire Agricultural Museum, York. Three-day workshop (bring your machine) on 'Combination Fabrics using the Lace Carriage' - for Brother knitting machines. Contact Pam Spooner (0977 684150).

Friday 18th to Sunday 20th June 1993 - Joseph Priestley College, Leeds. Three-day workshop (bring your machine) on 'Rib Jacquard' - for Japanese knitting machines. Contact Tessa Mendez 0904 410288, after 6pm.

Wednesday 23rd to Friday 25th June 1993 - Harlow College, Essex. Three-day workshop (bring your machine) on 'Rib Jacquard' for Japanese knitting machines. Contact the college (0279 441288).

Saturday 26th June 1993 - Harlow College, Essex. Slide lecture on 'Designing Highly Textured Fabrics' for Japanese knitting machines. Contact the college (0279 441288).

Tuesday 29th June 1993 - Knitmates, Crawley, West Sussex. One-day lecture-demonstration on 'Rib Jacquard Fabrics' for Pfaff/Passap knitting machines. Contact Wendy Clark (0342 718575).

MS AMERICAN SUBSCRIPTION

Machine Knitting Monthly Subscription Order Form

Please begin my 1 year subscription,
starting: (MONTH)

Cost in U.S.A.: \$60.⁰⁰ (U.S.)
(INCLUDES POSTAGE, HANDLING AND INSURANCE)

Please Print

Name:

Address:

City: State:

Zip Code: Phone: ()

Please send your check or money order to:

Modern Sales U.S.A. Inc.

7724 88th Drive S.E.

Snohomish

Washington 98290

Phone & Fax: 206-568-5193

1617

shops. She is a multi-talented lady, educated in fine art, music and biology - who came to machine knitting almost by accident in the early 70's.

Her career had already seen her specialising in hand-knitting, crochet and lace-making as sculpturing techniques and in appliqué, quilting and surface design as techniques for tapestry. She was searching for yet another medium for her tapestry work when she noticed a knitting machine in a shop window. A short demonstration later and she was hooked! Four years of 'trial and error' eventually led to commissions for architectural hangings for which Susanna is well-known.

As a professional machine knitter, Susanna currently wears three hats; those of fine artist, of teacher and lecturer and of writer and designer. She teaches classes in intermediate and advanced level machine knitting at a design school during the academic

year and during 'holiday' time she travels extensively, lecturing and holding workshops.

She writes and designs regularly for *Knitters* and *To & Fro* magazines and occasionally in other specialist magazines. Her book, *A Machine Knitter's Guide to Creating Fabrics*, co-authored with Julia Weissman, was published in 1986 by Sterling Publishing, New York City.

Susanna shows her work at 'Julie: Artisan's Gallery' in New York, contributes to museum and gallery shows around the world and is represented in both private and permanent museum collections in America and Europe.

Her work was published extensively in the book *Art to Wear* by Julie Schaflet Dale (Abbeville Press, 1986) and there was a profile about her and her work in the Autumn 1988 issue of *Ornament* magazine (PO Box 2349, San Marcos, California 92079-9806, USA).

PFAFF
SINGER **BOND**
SILVER REED **TOYOTA**
PASSAP[®] **brother[®]**

They're all into MACHINE KNITTING
ARE YOU? THEN YOU NEED

MACHINE KNITTING MONTHLY

for regular articles
 about your
 machine
 written by
 professionals
 to increase
 your
 knowledge
 and improve
 your technique



PLUS ★ **PATTERNS** ★ **NEWS** ★ **COMPETITIONS** ★
 AND Hints, tips and help from those other experts — our readers
 £1.60 from your newsagent on the second Thursday of every month

For a subscription complete the coupon clearly in block letters and send it with a cheque/PO for £19.20 (overseas prices on application) to:
 MACHINE KNITTING MONTHLY, 3 Bridge Avenue, Maidenhead, Berkshire SL6 1RR

Please start with the _____ issue.



☐ I wish to pay by Visa/Access, please charge to my account.
 My card number is:



☐ _____

Signature

Expiry Date

Name (on credit card)

Name

Address

Postcode

Telephone No:

* Post coupon or use separate paper to avoid cutting magazine

CLASSIFIED

If you'd like any help or advice about advertising in Machine Knitting Monthly, please call Brenda Hughes on 0672 516749.

Machine Knitting Monthly, Advertising Department,
3 Bridge Avenue, Maidenhead, Berkshire SL6 1RR.
Tel: 0628 770289

General Conditions of Acceptance

Machine Knitting Monthly reserves the right to alter or refuse any advertisement without reason and will not be held responsible for clerical or printer's errors although every care is taken to avoid mistakes. Advertisers must warrant that their advertisement does not contravene any legislation governing the advertising of goods or provision of service. Whilst every effort is made to ensure that advertisements appear correctly, the publishers will not be responsible for the consequences arising from errors or delay in publication. It is the advertisers responsibility to check that the first insertion of every series is published correctly. If you need assistance, please ring Brenda Hughes on 0672 516749.

Private advertisers cannot necessarily be expected to answer replies unless a s.a.e. is enclosed. Readers are strongly advised not to send money before checking that goods are still unsold and suitable for their requirements. Whilst every care is taken, we cannot accept responsibility for unsatisfactory transactions.

Machine Knitting Monthly is published monthly by Machine Knitting Monthly Limited, 3 Bridge Avenue, Maidenhead, Berkshire SL6 1RR. Typesetting by RSB Typesetters. Colour separations by Ridgeway Litho Limited. Printed in England. Distributed by Seymour, Windsor House, 1270 London Rd, Norbury, London SW16 4DH. No part of this magazine may be reproduced or utilised in any form by any means, mechanical or electronic including photocopying, recording or by any information storage or retrieval system without first obtaining the written permission of the publisher. Whilst every care is taken to ensure the accuracy of the patterns, charts, drawings and editorial matter, the publisher can accept no responsibility whatsoever for any damage, loss or the like arising from their use. Whilst every care is taken, no responsibility can be accepted for loss or damage to manuscripts, photographs or artwork. It is assumed that copyright of material submitted is that of the contributor or that necessary clearances have been obtained. Whilst we take every care when accepting advertisements, we cannot accept responsibility for unsatisfactory transactions but we will investigate any complaints. All rights reserved. Machine Knitting Monthly Limited, Copyright © 1993.

PATTERNS

MARY DOWSE DESIGNER PATTERNS

Evening, wedding and daywear. Up to size 26, for single bed or fine gauge machines. Free list. Illustrations £1 refundable with order.
50 St Annes Crescent,
Lewes BN7 1SD.
Tel: (0273) 476874

4121

SONIC, MARIO, Mermaid and lots more, all 60st or less, great new ideas for electronics. Send SAE for free lists to M. McCarthy, 224 Buckingham Road, Bletchley, Milton Keynes MK3 5JE.

PATTERNS

Toy Patterns

Many designs, including fireman, policeman. Also nightdress cases, puppets, teddy bears, etc.
2x1st class stamps for brochure.
Pippin Designs (MKM)
22 Clifton Road, Dunstable,
Beds LU6 1LU
Tel: 0582 605808

20128

JANKNIT DESIGNS. Electronic patterns. "Ball Games", "Wheeling Along" £3.95 each. Brother disc, £8.95. Cheques to Janet Moger, Janknits, 14 Cornfield Way, Ash-on-under-Hill, Evesham, Worcester-shire WR11 6TA. Tel: 0386 881549.

PATTERNS

JUST KIDDING

Knitting kits for children's clothes

Basics and fun - denim jackets, rugby shirts, sweaters and cardigans to fit 0-3 years

Send SAE for catalogue to:

JUST KIDDING,
Dept M3, Headon Hall,
Alum Bay,
IOW PO39 0JD
Tel: 0983 752275

2019

LOCAL SHOPS

WOOLS & CRAFTS

Large selection of hand and machine yarns.
Stockists for Bramwell, Forsell and Denys Brunton.
Now in stock.
Madeira Threads, DMC Kits
Haberdashery
Wools & Crafts
15 Charter Place,
Market Street, Okehampton,
Devon EX20 1HN
Tel: 0837 54115
MAIL ORDER
Send SAE for catalogue

2116

KNITTING AUTOMATIC. Brother, Silver Reed, Toyota knitting machines. New Home, Brother Omnistitch sewing machines. Cabinets, linkers, yarns, accessories, tuition etc. Zetland Street, Northallerton, North Yorkshire DL6 1NL. Tel: 0609 773444.

NOTTINGHAM'S KNIT INN & SEW INN. The shop in the garden. Brother, Passap, Silver Reed, Toyota, new/re-cond, repairs. Yarns. Possible outwork opportunities for machine purchasers. Tel: 0602 635755. Station Road, Hucknall.

HODDESDON, HERTS June's Machine Knitting Centre, 27 The Drive, Hoddesdon (off Ware Road). Telephone: 0992 466402.

BASINGSTOKE - KNITIQUE. Argyle, Bramwell, Brunton, Christiana. Books and accessories. Designer-Knit dealer. Easy parking. Afternoons except Mondays. Viabes Craft Centre. 0256 29229.

BIRDS
5 INTARSIA DESIGNS - kingfishers, swallows, ducks, barn owl and tawny owl - PLUS - hints and tips on Intarsia knitting £2.00 inc. P&P
- illustrated in colour

CATS

5 INTARSIA DESIGNS - siamese twins, persian playmates, kitten, snow leopard and tabby £2.00 inc. P&P

FAIR-ISLE DESIGN SHEETS
£3.00
NEW
spring-summer
24st punchcard and electronic machines
IRIS BISHOP
64 Ifield Road,
West Green,
Crawley,
West Sussex

CARL BOYD

24 DESIGNS
FOR THE MACHINE KNITTER
in single leaflet form

Priced 95p each or
8 for £6.00 + 75p P&P

Also available from your
local stockist

1 Coulsons Place, Penzance,
Cornwall TR18 4DY.
Telephone: 0736 62538

NS

the knitting neak IS MOVING TO

PO Box 5
Cromarty
Ross-shire
IV11 8XZ
tel: 038 17 428

Please send 3 x 1st class stamps
for 1993 mail order brochure

HTB COMPUTERS LIMITED

Designer - for knitting, embroidery...
A program for creating designs of up to approx 300 x 300 stitches, with up to 8 colours. Ideal for Intarsia, etc.

Punched Card Design.

A program for the creation of templates for punched cards and design sheets. Caters for Brother, Jones, Silver Reed, etc., Passap, Pfaff and Singer formats.

Both programs include full editing facilities and ability to save and re-edit whole designs and motifs from them.

Requires dot matrix printer or Epson compatible inkjet or laser printer.

Prices:
for IBM PC and compatibles £34.95
(requires EGA or better colour monitor)
for Amstrad PCW £29.95
for Amstrad CPC6128 £29.95
(requires colour monitor for Punched Card Design)

Prices include p&p and VAT.

Phone or write for further details.

HTB Computers Ltd,
Broadwater House, Broadwater Road,
Romsey, Hampshire SO51 8GT
Tel & Fax: (0794) 516279

**Classifieds
make
advertising
make sense**

CLASSIFIED

YARNS

EXCLUSIVE ITALIAN

DESIGNER YARNS ON CONES

100% Pure New Wool, Super Kid Mohair,
100% Cotton-mercerized, ANGORA,
Wool/Silk blend, Lame and Metallics.
For Shade Cards and Knitting Tips
send s.a.e. and £3.60 to:

Nina A. Miklin

104 Biddulph Mansions, Elgin Avenue
London W9 1HU Tel: 071-286 1532
ACCESS/VISA ACCEPTED 1717

DESIGN DESIGN Mail Order

Orders despatched on day
of receipt

2/24s Botany Wool. 70+ shades. Huge
range of cotton/acrylics etc. Almost 200
shades on cone.

Send £2.50 (refundable) + 24p stamp for
shade cards to

Dept K, 51-53 Lancaster Road,
Hindley, Wigan WN2 3NJ 2125

★ WE ARE NEW ★

Hartlepool Yarns

Forsell, Bramwell, King Cole
plus many more.

Spare and machine servicing
available. Mail order, B.F.P.O.
welcome.

Stamped S.A.E. for price list,
shade cards.

OPEN 6 DAYS.

9 Upper Church Street,
Hartlepool TS24 7ET.
Tel: 0429 862165. 1819

MAIL YARN

Hand and machine knittings by post

Argyll, Bramwell, Coney, Copley,
Duet, Falkland Island Mill, Robin,
Spectrum, Wendy.

Send large SAE for price list
and order form to:

MAIL YARN (MKM),
PO BOX 239,
SHREWSBURY SY1 1YR 21110

BARGAIN PRICES

Mohairs, Lambswool, Aran,
Shetlands, Cottons,
Brights, Fancies,
4 ply and 2/30 Ind:
Acrylics, etc

See Yarn Markets
Page 18 8116

YARNS

REAL SHETLAND KNITTING YARNS

FROM SHETLAND ISLES

These are spun from 100% Pure Wool
renowned for its softness.

We carry a large stock and endeavour
to despatch orders by return post.
Over 300 shades in various thick-
nesses, including 1-ply Cobweb for fine
shawls and evening stoles, with 100 of
them coned for machine knitting.
Please send £2.00 which can be used
with first order over £10.00 value, for
Shade Card and price list.

JAMIESON & SMITH

(Shetland Wool Brokers) Ltd., 16118
FC M.K. DEPT, LERWICK, SHETLAND

KNITWORLD

Coned yarns, knitting
machines,
all accessories.
Beginners classes held
regularly.

14 New Bridge Street,
Truro, Cornwall.
Tel: 0872 75076. 10120

CHRISTIANA WOOLS. Fine quality
yarns for all jacquard and double bed
knitting. Send large SAE plus 75p for
shade cards and catalogue to
Christiana Wools, Whitton View,
Leintwardine, Craven Arms, Shrop-
shire. Tel: 05473 340.

TOP VALUE PARCELS. Haberdashery
£9. Needlecrafts £10. Inc p&p. Paula
Davies, 6 Bexington Walk, Alexandra
Park, Manchester M16 7EL. Tel:
061-232 0007.

FOR ALL YOUR ADVERTISING

CALL
BRENDA HUGHES
ON 0672 516749

NOW!

Ardington Yarns Machine & Hand Knitters

Sheila & Keith invite you and your
friends to come & browse through our
large stock of coned yarns from:

KING COLE
BRAMWELL
DENYS BRUNTON
YEOMAN, FORSELL

Patterns, haberdashery & accessories
BROTHER & SINGER AGENTS

OPEN TUESDAY-SUNDAY
10am-4pm

LOCAL DELIVERY SERVICE

ARDINGTON YARNS,
6 HOME FARM, ARDINGTON,
WANTAGE, OXON
TEL: (0235) 820730 NS

MACHINES

PASSAP DECOS

★ £36 ★

Send us your broken deco
with cheque for £36. We send
a fully reconditioned deco by
return post. No Extras.

BAMBERS

42-44 Oldham St
Manchester M4 1LE 21120

SYLVIA GOODWIN

Machine Knitters Paradise +
Tuition Centre
27 Beechwood Drive, Thornton,
Nr Blackpool FY5 5EJ

* Discount prices + free tuition.
* New and used accessories and
machines
* Approved Brother, Silver Reed and
Passap Dealer.
* Vast range of quality yarns, books,
patterns and accessories.

CALL OR PHONE:

0253 853481 1711

Probably the best in the North-West

J & R

KNITTING MACHINES

13B Bridge Street, Witney, Oxon OX8 6DA
Telephone: (0993) 775671

Knitting machines, linkers, spares
and accessories. Probably the
largest stock of coned yarns, books
and patterns in Oxfordshire.

Bramwell, Forsell, Yeoman,
Denys Brunton, Jandis.

1-ply - 2-ply - 3-ply - 4-ply - Double Knit - Chunky

MAIL ORDER

Send SAE plus £1 for Shade Cards
(PLEASE SPECIFY TYPE REQUIRED)

ADVICE AND HELP FREELY GIVEN
24 HOUR ANSWERING SERVICE

Closed ALL DAY MONDAY NS

How would you like your friends to remember you?



Mention The Guide Dogs for the
Blind Association in your will and you
will leave more than a good
impression: you leave a blind person
real independence.

For more information about our work
and about leaving a legacy to the
Association, write to: GDBA,
Alexandra House, Park Street,
Windsor, Berks SL4 1JR or
telephone 0753 855711

MACHINE REPAIRS

SILVER REED KNITTING MACHINES

OFFICIAL REPAIR CENTRE

REPAIR & SERVICE

FREE ESTIMATES

ELECTRONICS/
PUNCHCARDS

ACCESSORIES

INCLUDED: REPAIR &
SERVICE TO KNITMASTER
BRANDED MACHINES
SOLD PRIOR TO THEIR
LIQUIDATION AND
CLOSE DOWN

REPAIR DEPT:
SILVER KNITTING
MACHINES LTD
UNIT 1, 10 WANDLE WAY
WILLOW LANE TRADING
ESTATE, MITCHAM
SURREY CR4 4TE
TEL: 081-646 2244 NS

WANTED

KNITTING MACHINES, ribbers and
accessories. We buy/sell/part ex-
change. Keenest prices. 0293
851339.

UNWANTED MACHINES

and yarns are needed
for Romania.

Tel: Christine Morey
0803 555759.



CREDIT CARD
BOOKINGS

FOR ALL YOUR
ADVERTISING

CALL
BRENDA HUGHES
ON 0672 516749

NOW!

CLASSIFIED

BOOKS

PAM TURBETT THE REVISED KNIT, CUT AND SEW: BOOK 1

A new, completely revised, updated and considerably enlarged edition! (8 1/4 x 11 3/4 in, 96 pages, perfect bound, laminated cover.) Discover how to process, cut and sew your own machine-knitted fabrics so that you can make beautiful clothes by dressmaking methods.

£9.25 inc p&p

Order from: Pam Turbett, Dept MKM,
17 Forest Rise, Liss, Hants GU33 7AU.

Trade enquiries welcomed. Talks, demos, slide-shows and workshops for clubs, colleges, exhibitions, etc.

20121 Tel: 0730 893654

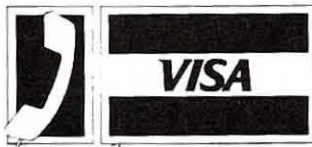
KNITTING AND CROCHET GUILD

Membership open to all who love the crafts. No qualifications needed.

Details, SAE to:
Anne Budworth

228 Chester Road North
Kidderminster 16114
Worcestershire DY10 1TH

PLAIN AND PURL. 10 new garment designs for the garter carriage by Jenny Rose. £4.50 inc p&p from J. R. D., 12 Bereta Road, London SE9 3TZ.



CREDIT CARD
BOOKINGS

FOR ALL YOUR
ADVERTISING
CALL
BRENDA HUGHES
ON 0672 516749
NOW!

BOOKS

NEW PATTERN BOOKS

Ladies' Jackets £2.50. Fair Isle for Men £3.50. Longline Sweaters/Tunics £2.75. Just for Girls (24"-32") £3.50. New Garter Carriage book and Fair Isle for Ladies available - please send SAE for detailed price list of all our products including the ORIGINAL AND BEST BUSY BEE NECKLINE TEMPLATES only £2.50. Why pay more?

Busy Bee Basics, Brooklyn,
Ruthin Road, Bwchgwyn,
Wrexham, Clwyd LL11 5UT.
Tel: 0978 757461 2020

APPLIQUE FOR MACHINE KNIT-
TERS including patterns and tem-
plates. £5 inc p&p. Cut and Sew for
the machine knitter. £6 inc p&p.
Meg Tillotson, 6 Court Close,
Horfield, Bristol BS7 0XH.

TENSION TABLES

Knit patterns in any yarn, copy
a favourite sweater or create
your own designs. Its easy
with our Tension Tables
book! From your tension sq.
the Tables show how many sts
and rows to knit, inc neck,
sleeve shapings etc. No
charting device or calculators
needed! Only £6.95 inc p&p.

CATKIN KNITWEAR
Meadow Cottage,
Greenfield Road, Burwash,
East Sussex TN19 7BX. 012

DIANE BENNETT

THE DESIGNAKNIT USER'S GUIDE
THE KH965 USER'S GUIDE
THE KH950/9501 USER'S GUIDE
THE KH930/940 USER'S GUIDE
THE KH900 USER'S GUIDE
THE PPD USER'S GUIDE

£6.00 each inc. p&p

USE YOUR RIBBER, SKIRTS

CHARTING DEVICES

DOUBLE BED COLOUR CHANGER

SINGLE BED COLOUR CHANGER

GARTER CARRIAGE

CHUNKY KNITTING

£5.50 each inc. p&p

THE HAGUE LINKER £3.95 inc.

HAGUE VIDEO £14.95 inc.

BROTHER 965, 950i, 950 and 910 TAPES

£5.35 each, set of 3 - £15.50

BROTHER 950i FOR 950 OWNERS £1.90 inc.

Trade enquiries welcome

9 Huntley Grove, Nailsea, Bristol BS19 2UQ NS

ACCESSORIES

P.D.B. Engineering Ltd
51/53 Robert Street
Northampton

Manufacturers of Yarn
Winders and many other
Accessories

Catalogues available on
request

TEL: 0604 35937 NS

**Classifieds
make
advertising
make sense**

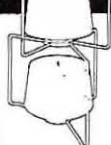
LA RIVIERE

For Blocking Cloths,
Cone Ladders, Dust Covers,
Ribber Carrying Bags, etc.

Mrs P. La Riviere
67 Bartholomew Road
London NW5 2AH
Tel: 071-267 2712 16123



Twisting Yarn Stack



IDEAL FOR
INDUSTRIAL
YARNS
CREATE YOUR
OWN 'CHUNKY'
YARNS

£12.95 GENTLY TWISTS AND BLENDS
UP TO 3 CONES

No moving parts.
Available from your local stockist or:-
B. HAGUE & CO. LTD., M.K.M., MILE END ROAD,
COLWICK, NOTTINGHAM NG4 2DW. 213

BUTTONS

NORWEGIAN DESIGN. Genuine
Norwegian pewter clasps and
buttons in beautiful traditional styles.
Foolsap s.a.e. for free sample and
brochure. Aber Knitwear, 26 Inchlo-
naig Dr., Balloch, Dunbartonshire
G83 3JH.

Buttons by Elsie Wools S A L E

All orders over £10 get 10% discount off
our huge range of buttons, haberdashery,
ribbon, rosebuds and trimmings etc., our
range of own brand products, new
trimmings and much much more.

New stock and new items arriving all the
time. All at very competitive prices. Please
send three first class stamps for a full
catalogue to:

Elsie Wools, Dept MKM,
R/O Dinam Park Avenue,
Ton Pentre, Rhondda,
Mid Glam CF41 7AT

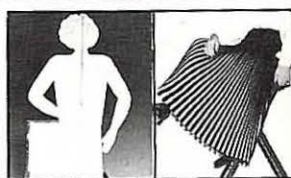
Telephone/Fax: (0443) 431500

Trade enquiries cordially welcomed 18121

DON'T MISS OUT

Make sure of your copy of
MKM. See page 89 for
subscription details.

ACCESSORIES



NEW 'Dollie' - the foldaway mannequin.

Ideal for displaying knitwear, dresses and

suits, etc, at any show or fair. £17.50

Shadow pleated skirt steaming kit £8.95

'A'-line skirt steaming kit £9.95

Fully pleated add on ('A'-line req'd) £3.95

Fully pleated add on (shadow req'd) £5.95

6 designs by Beverley (shadow pleat) £5.95

In-Ex tops book £1.95

Brother Garter Carriage skirt £1.95

'A'-line skirt book (6 designs) £5.95

Skirt pattern book (shadow pleat) £5.95

NEW Steaming kit stand (all kits) £16.50

Send your cheque (including your

address) to: In-Ex Ltd, PO Box 1459,

Windsor, Berks SL4 2TP.

All prices include p&p. Other patterns available -

send SAE for details. 19123

ALICE'S DUOMATIC PATTERN BOOK A £4 + 40p p&p

ALICE'S DUOMATIC BABY BOOK £4.50 + 50p p&p

STITCH N EDGE £2 + 30p p&p

LEARN TO LOVE YOUR DECO by Angela Gibson £3 + 30p p&p

SIMPLIFIED GUIDE TO PROGRAMMING THE ELECTRONIC 6000

by Jack Pullan £6 + 50p p&p

CONVERT DUOMATIC STS TO THE 6000 by Jack Pullan £8 + 50p p&p

LEARN TO LOVE YOUR FORM COMPUTER by Jack Pullan £1.50 + 30p p&p

PASSAP TRANSFER TOOL BOOKLET £4 + 40p p&p

PASSAP KNITTING MACHINE JOURNAL £7 for 4 issues

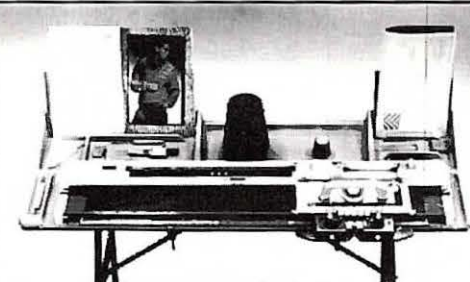
KNITTING MACHINE JOURNAL £5 for 4 issues

6000 JOURNAL Nos. 13 to 18 £9 (6 issues)

SAMPLE JOURNALS £1.25 each STATE CLEARLY WHICH

All above are UK prices. All available only from:

M M Wilmshurst, "Hawthornes", Whitcroft, Forest of Dean, Glos GL15 4PF
Tel: 0594 562161 NS



The "TIDY TRAY" has two hinged book rests,
two cone holders, and several partitions -
specially designed to fit your tools and other
"bits and bobs", thus keeping everything in
easy reach of the operator.
Suitable for all makes of standard gauge machines.



£29.95

+£4.25 p&p.

(Access/Visa accepted)

B. Hague & Co. Ltd.

Mile End Rd.

Colwick,

Nottingham

NG4 2DW

Telephone:

0602 870031

CLASSIFIED

TUITION

PASSAP & PFAFF DUOMATIC and ELECTRONIC 6000

KNITTING TUITION by DOROTHY GILL
On Audio cassettes or by
private lessons - S.A.E. for
details to:-
185 Valley Road, Dept MKM, Streatham,
London SW16 2XH
or Phone: 081-769 3640 8129

LYNN'S LODGE IN THE GARDEN OF ENGLAND

Learn the techniques of machine knitting
in depth.

Private lessons, by experienced instructor.
Registered with Kent T.E.C.
All machines and ribber including:
Passap Duo 80/Electronic 6000,
Brother 950i.
Daily, weekend, weekly, beginners,
improvers, design course.
Accommodation if required.
Mrs Reid
10 Willow Crescent, Staplehurst,
Kent TN12 0QS
(0580) 891736 1914

DIANE BENNETT

Machine knitting tuition
Brother Electronic (all models, inc.
965), PPD, ribber, colour changer,
Hague Linker, garter carriage,
IBM computers (for terrified!).
DesignaKnit.
Dates and details, including
recommended accommodation
from:
Diane on
0275 810067
or write to
9 Huntley Grove, Nailsea,
Bristol BS19 2UQ 20115

ANN KITE SPRING VIDEO OFFER

Closes May 29th
LAST FEW DAYS
See page 19 for
details

SHIRLEY COWLING, HERDWICK FARM, WINKLEIGH, DEVON,

has been teaching knitting since
1983. Shirley's workroom with
superb machinery and one to one
tuition allow you to learn what
YOU want most. Delightful self-
catering flat for up to 4 people in
peaceful Mid-Devon farmhouse.
Come with your partner, family
or knitting friends. Phone for
details of long or short courses,
accommodation and non-knitting
activities. (0837) 83358 19117

TUITION

CHRISTINE MOREY INTERNATIONAL SCHOOL OF MACHINE KNITTING TORBAY

Highly recommended, now in its 9th
successful year.
Tastefully decorated accommodation
overlooking Torbay.
Excellent tuition, 15 years experience.
Few minutes from all amenities;
coach/railway station. Machines
available anytime in modern, well
equipped workroom.
£110 per week inc.
25a Cliff Road, Paignton,
South Devon TQ4 6DH.
Telephone: (0803) 555759 19125

BARBARA STUBBS Machine Knitting Videos THE KNITTER'S KNITTER

- | | |
|-------------------|----------|
| 1. BEGINNERS | 165 mins |
| 2. FIRST RIBBER | 180 mins |
| 3. NECKLINE | |
| KNOWHOW | 150 mins |
| 4. CRAFT & SKILLS | 120 mins |
| 5. SECOND RIBBER | 170 mins |

New for experienced Knitters
Each video £28.75 + £1.30 p&p
Further information write or phone:

Barbara Stubbs Videos
6 Lindrum Avenue,
Lime Green,
Macclesfield SK11 0LG
Phone: 0260 253245 19114

A WEEKEND IN SNOWDONIA.

Tuition for machine knitting begin-
ners, magnificent scenery. £50 inc.
0286 881473 (Gwynedd).

NOTICE TO ADVERTISERS THE BUSINESS ADVERTISEMENT (DISCLOSURE) ORDER 1977

Came into effect on 1 January, 1978 and requires
all advertising by people who sell goods in the
course of a business to make the fact clear. From
that date consumers should be able to tell
whether an advertisement relates to a sale by a
trader or private seller. It is the responsibility of
the advertiser to comply with the order. It is an
offence for which you may be prosecuted not to
advertise the fact you are a trader.

Discover the Joys of Machine Knitting with KAMALINI TRENTHAM'S NEW POSTAL PATTERN DESIGN COURSE

designed to give a perfect fit
to your own exclusive
knitwear

Also DAY COURSES & WORKSHOPS
★ Individual attention in small classes
★ Expert tuition on all machines
SEND FOR PROSPECTUS AND
COURSE LIST TODAY

MACHINE KNITTING & DESIGN CENTRE
High Cross House, High Cross,
Aldenhams, Watford WD2 8BN
or Tel: 0923 859242 for details 13120

TUITION

ANN'S YARNS

Silver Reed and Brother Agent.
Tuition, yarns, accessories
and Clubs.
Open 9.30am-4.30pm Tues-Sat
UNIT 30
FOURTH AVENUE
BLUEBRIDGE INDUSTRIAL EST
HALSTEAD, ESSEX
Telephone: (0787) 476540 NS

BEACHWAY School of Machine Knitting Holidays

Set in beautiful Isle of Purbeck, two
minutes from sandy beaches, town centre
and amenities.

Beginners, Intermediate or Advanced
knitters welcome. Learn at your own pace
with qualified tutors.

Workroom and machines available at all
times (or bring your own). Clubs, indi-
viduals or families welcome. Vacancies
from mid-July to November. Short or long
breaks.

Tel: 0929 423077, Fax: 0929 427872 or write:
Paula and Derek Farrell, Beachway Hotel,
19 Ulwell Road, Swanage, Dorset BH19 1LF.
2121

PRIVATE TUITION in the comfort of
your own home. Wallington 10 mile
radius. 081-688 1583.

ACCOMMODATION

DARTMOUTH, Devon. Fully equipped
two bedroomed holiday bungalow.
Ideal base for coast/countryside.
Convenient for beaches, boating,
leisure parks. Sorry no pets. Tel:
0548 52473.

LABELS

PRINTED FABRIC LABELS

Top quality, high wash resistance
fabric labels.
100-£15.85. 1000-£32.90
(Reprints £5.35 and £22.40). Also
size, fibre content labels, packaging
and the unique Printy rubber stamp.

Send stamp for catalogue and samples.

Diverse Marketing (MM)

Westruther, Gordon,
Berwickshire TD3 6NE, Scotland
Tel. 0578 740242 NS

PRINTED GARMENT LABELS, cards,
stationery etc. Brochure 25p.
Jacqueline Crouch, 10 Hatchway,
Kirtlington, Oxford OX5 3JS.

SILLYEARN PRINTERS - Printed
fabric labels and all your stationery
requirements. S.A.E. for details to:
Sillyearn Printers (Dept M), Sillyearn
Croft, Grange, Keith AB55 3SU

EXHIBITIONS

Anne Kent and Pauline Murphy
present the

MACHINE KNITTING SUMMER SHOW '93

- ★ Exhibition ★ Lectures ★ Fashion Shows ★
- ★ Everything to delight the Machine Knitter ★
- ★ SATURDAY 24th JULY 1993 ★

South Croydon area.

S.A.E. for details to:

Anne Kent, 28 Quail Gardens, S. Croydon, Surrey CR2 8TF

COME AND MEET...

Hazel Ratcliffe, Diane Bennett, Pam Turbett, Angie, Dot Clancy,
Nina Miklin, Inex, Tag, Ann Brown, Ann Durkan, Iris Bishop
AND MANY OTHERS.

21113

★ EXHIBITION ★ 6th KNITTING MACHINE EXHIBITION

Saturday, 31st July 1993

at Severnside School, Naas Lane, Lydney, Gloucestershire

Tickets £1 per person

Machines, yarn, accessories, books, shawl competition, NO STAIRS, free parking.
Sale of some shawls at 2pm. Proceeds to Christian Aid.

All details from:

Alice Wilmshurst, Knitting Machine Journal,
Hawthornes, Whitecroft, Forest of Dean, Glos GL15 4PF
Tel: 0594 562161 21115

CLASSIFIED

FOR SALE

BROTHER KH881, ribber KR830, lace, intarsia, transfer carriage, Knitleader, punch, cards, patterns, manuals. Many extras including table. £375. 0375 891002 (Essex).

SINGER FREESTYLE double bed with computerised box, transfer and intarsia carriage, manuals, tools and table. Good condition. £300 ono. 0732 458504 (Kent).

KNITMASTER 700, SRP60N ribber, YC5 colour changer, table, Knit Radar, Intarsia, punchcards, instruction books plus extras. £450 ono. 0204 888830 (Lancs).

BROTHER KH950i with lace carriage, Brother garter carriage KG93, table, books, magazines, yarns. Hardly used. £735 ono. 0604 832462 (Northamptonshire).

FOR SALE

BROTHER KH270 Chunky Electronic with ribber, table, wool. Excellent condition. £750. **Babylock over-locker**, four thread differential feed. Hardly used. £300. 0233 634848 (Kent).

PASSAP DUOMATIC 80, 4 colour changer, Deco, instruction book, patterns, quantity of wool and yarn winder. £400. 0428 707244 (Guildford area).

BROTHER KH260 with ribber, intarsia carriage, books, punchcards. Excellent condition. £500. 0787 371718 (Suffolk).

KNITMASTER SK890 plus ribber, EC1 pattern controller, table, £500 ono. 081-848 0015 (Hayes, Middlesex).

FOR SALE

PFAFF 6000E with stand, U100E lock, books etc. Hardly used. £1,150. **Brother 230** plus ribber. £250. 0562 754367 (Kidderminster).

BROTHER 910 ELECTRONIC. Many mylar sheets, manuals, tape etc. £150. 0992 551239 (Hertford).

PASSAP (PINK) DUOMATIC, 4 colour changer. Electric motor fitted. Extras. Bargain £250. 0904 705389 (York).

KNITMASTER KR7 Knit Radar. New, boxed. £60 including postage. 0271 79864 (Barnstaple).

PASSAP DUOMATIC 80. As new, 4 colour changer, Deco, patterns, punchcards. £250. 04068 495 (Lincolnshire).

FOR SALE

BROTHER KH260 with ribber, table, books, punchcards. Excellent condition. £550. 0443 816428 (Mid Glamorgan).

BROTHER KH836 with ribber, Knitleader, table, Hague linker and many extras. As new. £500. 0869 40654 (Oxon).

BROTHER KH900, ribber, KRC-900 colour changer, garter carriage, Knitleader, table. Immaculate, hardly used. £750. 081-866 8372 (Pinner).

TOYOTA KS901, ribber, lacer, Knit Tracer, books, wool, table, wool winder, cards, punch, intarsia carriage, extra tools, instructions, patterns, books. £500 ono. 0268 287421 (Basildon).

PRIVATE CLASSIFIED LINEAGE ADVERTISEMENT ORDER FORM

This form is for use by private advertisers only. Trade enquiries please speak to Brenda on 0672 516749 or telephone the Maidenhead Office on 0628 770289.

LINEAGE RATE PER WORD FOR PRIVATE ADVERTISERS
35p (including VAT)
minimum charge £3.50.

ALL PRIVATE CLASSIFIED ADVERTISEMENTS must be pre-paid.
Cheques/POs should be crossed and made payable to Machine Knitting Monthly.
Ireland: sterling cheques only, please.

This form is provided for your convenience; if you do not want to cut your magazine please include all relevant details on your own paper.

To: Advertising Department, Machine Knitting Monthly,
3 Bridge Avenue, Maidenhead, Berkshire SL6 1RR.
Please include the following advertisement under the "FOR SALE" heading in the first available issue.

Print your advertisement clearly, one word per space, minimum of ten words.

Remember that only the words written in the boxes will appear in the magazine. One word only in each box - postcode is one word and STD code and telephone number counts as one word. Area and telephone number counts as two words.

Name (block capitals please) _____

Address _____

Telephone No. _____ Date _____

If you need more space or prefer not to cut your magazine, please use a sheet of plain paper and copy this form.

Cost of words (single insertion) £ p I wish to pay by Access/Visa, please charge to my account

Box Classified Rule (extra £4) my card number is

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Total remittance _____

I enclose my cheque/postal order for: _____

Signed _____ Signed _____

Date _____ Expiry date on card _____

ABBREVIATIONS

alt = alternate(ly)
 beg = beginning
 ch = chain
 cm = centimetres
 cont = continue(ing)
 dc = double crochet
 dec = decrease(ing)
 foll = following
 g = grams
 HP = holding position
 in = inch(es)
 inc = increase(ing)
 K = knit
 mm = millimetres
 MT = main tension
 MT-1, MT-2, MT-3 = one, two, three
 full sizes tighter than main tension

MT+1, MT+2, MT+3 = one, two, three
 full sizes looser than main tension
 MY = main yarn
 N(s) = needle(s)
 NWP = non working position
 P = purl
 patt = pattern
 RC = row counter
 rem = remain(ing)
 rep = repeat
 ss = stitch size
 st(s) = stitch(es)
 st st = stocking stitch
 tog = together
 UWP = upper working position
 WP = working position
 WY = waste yarn

YARNS

Yarns used for our patterns are matched to this guide for thickness. If you want to use a different yarn and, especially for readers overseas who may not be able to buy the originals, choose a yarn of the same thickness. If you do use a different yarn here are a few tips.

Firstly, your garment is likely to be more successful if you use a very similar yarn so look for slubbed cotton for slubbed cotton, acrylic for acrylic, wool for wool and so on. A change of fibre is perfectly possible but requires even more care in checking tension, quantity and, above all, suitability in the resulting 'feel' and 'hang' of the knitted fabric.

To compare yarns, hold the proposed substitute over the guide and stretch it out until it is just taut, not pulled tightly. A good match should fit the guide lines closely.

Now that you have a suitable yarn, how much do you buy? Whenever possible buy the yarn by length rather than weight as different fibres and treatments can vary the weight of yarns a great deal. A 500 gram cone of airy acrylic would have many more metres or yards of yarn on it than a 500 gram cone of much denser cotton.

After matching the tension, the garments in the original and substitute yarns would

have much the same number of stitches knitted throughout and therefore need much the same yarn length. When you cannot discover the length on the cone it is best to err on the generous side whilst using your previous experience to decide how many cones you would expect the garment to take.

It is possible to work out the length required for a garment by measuring the length used for a tension square and calculating the total area of the garment from the diagram but I think you would need to be addicted to mathematics to find this worthwhile.

Having bought your yarn, experiment until you have matched the original tension. To achieve the best 'handle' it may be necessary to vary the number of stitches or rows a little. This is no problem if you are using a charting device but will require extra calculation if you want to follow the written pattern where the numbers stated for rows and stitches will not now apply.

If all this sounds like too much trouble, take care. You could be lucky and knit a perfect garment in the first yarn that comes to hand but you could also be badly disappointed. Time is precious to all of us so it is worth 'wasting' a little to avoid wasting a lot. You will be rewarded by a successful result.

MOCK RIB

Used for welts, cuffs, neckbands and other edges on single bed machines without a ribber.

Push the number of main bed needles given in pattern to working position. Push every alternate needle back to non-working position for a 1x1 rib or every third needle back to non-working position for a 2x1 rib. It may be necessary to reduce this number by one needle at one or both edges to keep rib even. (Increase the stitches after the mock rib has been worked to give the same number as the pattern.)

Using main tension and waste yarn, cast on and knit a few rows ending with carriage at left. Set row counter at 000. Using at least two full sizes tighter than main tension, knit the number of rows given in pattern for rib.

Using three full sizes looser than this tension, knit one row. (This loose row gives a neat fold line.) Return to two full sizes tighter than main tension and knit the same number of rows as before. Push empty needles from non-working to working position and make a hem by placing loops of first row worked in main yarn evenly along the row. Make sure that each empty needle holds a loop to prevent a row of holes across the work.

Unravel waste yarn after work has been removed from machine. After garment has been blocked to size, insert a metal welt bar or thin, clean piece of wood through the hem and pull firmly downwards to draw stitches of mock rib closer together. Set the stitches by steaming lightly on wrong side, if pressing instructions permit.

YARN GUIDE

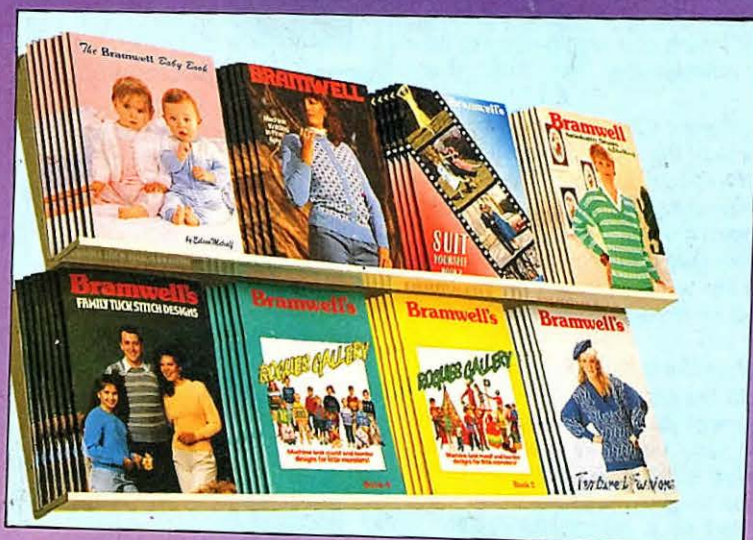
EXTRA FINE	1
	2
	3
FINE	4
	5
	6
FINE-MEDIUM	7
	8
	9
MEDIUM	10
	11
	12
MEDIUM-THICK	13
	14
	15
THICK	16
	17
	18
EXTRA THICK	19
	20
	21

BRAMWELL

POPULAR WORLDWIDE FOR QUALITY YARNS



and....



PATTERN BOOKS



Bramwell
CHOICE · YARNS

and....



Stretches
**STRETCH FABRIC PAINTS
AND ACCESSORIES**

and....



COLOUR MATCH BUTTONS

For details of your local stockist, contact:-

**F. W. Bramwell and Co. Ltd., Unit 5, Metcalf Drive, Altham Lane,
Altham, Accrington, BB5 5TU. Tel: (0282) 779811 Fax: (0282) 779860**

U.S.A. Sole Importer: Bramwell Yarns Inc., P.O. Box 8244, Midland, Texas 79708, U.S.A. Tel: 915 699 4037
Canadian Sole Importer: Westrade Sales Inc., 2711 No.3 Road, Richmond B.C. V6X 2B2, Canada. Tel: 604 270 8737
Australia East and South: Reynolds Bros., 53 Carlton Parade, Carlton 2218 Sydney N.S.W. Tel: 258-75020
Australia Western: Dormani Yarns, Perth. Tel: 09-367-5901
New Zealand: Conecraft, R.D. Dobson, Westland, South Island, New Zealand. Tel: 03 738 0009
Malta: Joseph Callus, 44, Lapsi Street, St. Julians STJ09, Malta. Tel: 356 696985
Italy: Argenziano Modesto, Corso XX Settembre, 14, 21052 Busto Arsizio, Varese, Italy. Tel: 03-315-05051
Netherlands Excl. Importer: M + M Nederland, Molendwarsstraat 66, 7391 ZS Twello, Holland. Tel: 05712-71362
France: M + M BP31, 24170 Belvès. Tel: 53 29 36 04
Germany: M + M International, Postfach 1347 D-W-3078 Stolzenau. Tel: 05761-3282
Belgium: Contact M + M Nederland. Tel: 0031 5712 71362
Also represented in: South Africa, Russia, Sweden, Finland, Hong Kong, Iceland, Channel Islands.